



# INTERPUMP

FLUID SOLUTIONS 

Powered by I.M.M. Hydraulics

## Fittings

2023



# Fittings

Standard Tail

N Tail

Interlock Tail

Hyblast / Multispiral Tail

Low Pressure Fittings



Standard Tail





**001C**



Swaged Ferrule (no skive)

**11**

**002Z**



Swaged Ferrule (no skive)

**12**

**012N**



Swaged Ferrule

**13**

**0001**



Swaged Ferrule (skive)

**14**

**0002**



Swaged Ferrule (skive)

**15**



**0009**



Swaged Ferrule (skive)

**16**

**004H**



Swaged Ferrule (skive)

**16**

**OSI4**



Swaged Ferrule (skive)

**17**

**BMC1**



Swaged Ferrule (no skive)

**17**

**BMC2**



Swaged Ferrule (no skive)

**18**



**0007**



Swaged Ferrule (no skive)

**18**

**0008**



Swaged Ferrule (no skive)

**19**



**0003**



Swaged Ferrule (no skive)

**19**



**PTFE**



Ferrule for PTFE hose

**20**

**PTFE-C**



Ferrule for PTFE hose

**20**



**0345**



BSP Male Flat Seat

**21**

**0060**



BSP Female flat seat

**22**



**0350**



BSP Male Parallel 60° cone

**23**

**035G**



BSP Male Parallel 60° Cone - Rotating

**24**

**0050**



BSP Female 60° cone Thrust Wire

**25**

**0051**



BSP Female 60° Cone - Rolled Nut

**25**

**0058**



BSP Female 60° Cone Slip On Nut

**25**

**0051D**



BSP Female 60° Cone - Double Hexagon

**26**

**0150**



BSP Swept Elbow 60° Cone-Thrust wire Nut

**27**

**0151**



BSP 90° Swept Elbow 60° Cone - Rolled Nut

**27**

**0158**



BSP 90° Swept elbow 60° cone Slip On Nut

**27**

**0250**



BSP Swept Elbow 60° Cone-Thrust wire Nut

**28**

**0251**



BSP 45° Swept Elbow 60° Cone Rolled nut

**28**

**0258**



BSP 45° Swept Elbow 60° Cone Slipse on nut

**28**

**2321**



BSP 90° Compact Elbow 60° Cone - Rolled nut

**29**

**2300**



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

**29**

**0041**



BSP O'Ring Female 60° Cone-Thrust wire Nut

**30**

**0048**



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

**30**

**0141**



BSP O'Ring 90° Swept elbow 60° cone Rolled Nut

**31**

**0148**



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

**31**

**0241**



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

**32**

**0248**



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

**32**



**0360**



BSP Taper Male 60° cone

**33**



**0370**



NPTF Male 60° cone

**34**



**037G**



NPTF Male Parallel 60°  
Cone - Rotating

**35**

**N051**



NPSM Female 60° Cone  
Rolled Nut

**35**



**0850**



JIC Male 74° cone

**36**

**0900**



JIC Female 74° - Thrust  
Wire Nut

**37**

**0901**



JIC Female 74° cone -  
Rolled Nut

**37**

**0902**



JIC Female 74° - Slip on  
nut

**37**

**0901D**



JIC Female 74° Cone-  
Double Hexagon

**38**

**0950**



JIC 90° Swept Elbow 74°  
Cone - Thrust Wire

**39**

**0951**



JIC 90° Swept Elbow 74°  
cone - Rolled Nut

**39**

**0952**



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

**39**

**1000**



JIC 45° Swept Elbow 74°  
Cone Thrust Wire Nut

**40**

**1001**



JIC 45° Swept Elbow 74°  
cone - Rolled Nut

**40**

**1002**



JIC 45° Swept Elbow 74°  
Cone Slipse on nut

**40**

**095S**



JIC 90° Swept Elbow 74°  
cone - ISO SHORT

**41**

**2971**



JIC 90° Compact Elbow  
74° cone - Crimped Nut

**41**



**0385**



SAE Male O'R Flat Seat

**42**



**0500**



Metric Male 24° Seat Light

**43**

**0085**



Metric Female 24° Seat Light

**44**

**0185**



90° Metric Swept Elbow 24° Seat Light

**45**

**0285**



45° Metric Swept Elbow 24° Seat Light

**46**



**0450**



Metric Male 24° Seat Heavy

**47**

**0084**



Metric Female 24° Seat Heavy

**48**

**0184**



90° Metric Swept Elbow 24° Seat Heavy

**49**

**0284**



45° Metric Swept Elbow 24° Seat Heavy

**50**



**0550**



Metric Standpipe

**51**

**0650**



90° Metric Standpipe

**52**

**0650S**



Female Metric Tubular 90° (welded)

**52**

**0750**



45° Metric Standpipe

**53**

**0750S**



45° Metric Standpipe  
(welded)

**53**



**0035**



Metric Female 24° Seat  
Light Multiseal

**54**

**0135**



90° Metric Swept Elbow  
24° Seat Light Multiseal

**55**



**0400**



Metric Male 60° cone

**56**

**0100**



Metric Female 60° cone

**57**

**0200**



90° Metric Swept Elbow  
60° cone

**58**



**S350**



ORFS Male

**59**

**S050**



ORFS Female

**60**

**S05T**



ORFS Female Back  
Hexagon

**61**

**S150**



ORFS 90° Swept Elbow

**62**

**S15S**



ORFS 90° Swept Elbow -  
ISO SHORT

**63**

**S250**



ORFS 45° Swept Elbow

**64**



**1260**



Straight SAE Flange  
3000 PSI

**65**

**1060**



90° SAE Flange 3000 PSI

**66**

**1160**



45° SAE Flange 3000 PSI

**67**

**FS3L**



90° SAE Flange 3000 Psi  
- Long Drop

**67**

**S003**



Cut Split Flanges - 3000  
psi

**68**



**1310**



Straight SAE Flange  
6000 PSI

**69**

**1110**



90° SAE Flange 6000 PSI

**70**

**1210**



45° SAE Flange 6000 PSI

**71**

**FS6L**



90° SAE Flange 6000 Psi  
- Long Drop

**71**

**S006**



Cut Split Flanges - 6000  
psi

**72**



**130S**



Straight 'CAT' Flange

**72**

**110S**



90° 'CAT' Flange

**73**

**120S**



45° 'CAT' Flange

**73**



**1250**



Komatsu Flange -  
Straight

**74**

**1050**



Komatsu Flange 90°

**74**

**1150**



Komatsu Flange 45°

**74**

**0940**



JIS Female 60° Cone  
(Komatsu)

**75**

**0990S**



90° JIS Swept Elbow  
(Komatsu) - welded

**76**



**0930**



JIS Female 60° cone  
(Toyota)

**76**

**0980S**



90° JIS Swept Elbow  
(Toyota) - welded

**77**



**0920**



JIS Female 60° cone  
(Nissan)

**77**



**0030**



Metric Female 24° Cone  
French Type

**78**



**FK50**



'K' Female

**78**

**FN50**



'K' Male ( for gun) -  
Diameter 10

**79**

**FN51**



'K' Male ( for gun) -  
Diameter 11

**79**



**1400**



BSP Banjo

**80**

**1600**



Double BSP Perforated  
Bolt

**81**

**1600-00**



BSP Perforated Bolt

**81**

**1350**



Metric Banjo

**82**

**1650**



Metric perforated bolt

**83**



**D050**



Hose Junction

**84**



**GS00**

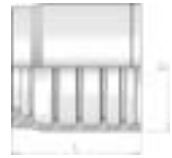


Weldable Fitting

**85**

## 001C

## Swaged Ferrule (no skive)



Product number	hose I.D.		Dimension		skive Length	valid for -
	in	mm	D	L		
001C-03	3/16	4,8	18,5	24	NO	R17-2SC-1SN-Pilot-H1
001C-04	1/4	6,4	20	26	NO	R17-2SC-1SC-1SN-Pilot-H1
001C-05	5/16	7,9	22	28	NO	R17-2SC-1SC-1SN-Pilot-H1
001C-06	3/8	9,5	25	28	NO	R17-2SC-1SC-1SN-Pilot-H1
001C-08	1/2	12,7	28	28	NO	R17-2SC-1SC-1SN-Pilot-H1
001C-10	5/8	15,9	32	31	NO	R17-2SC-1SC-1SN-H1
001C-12	3/4	19	36	38	NO	R17-2SC-1SC-1SN-H1
001C-16	1	25,4	44	47,5	NO	R17-2SC-1SC-1SN-H1
001C-20	1.1/4	31,8	54	56	NO	1SN-2SC-1SC
001C-24	1.1/2	38,1	61,6	66	NO	1SN-2SC-1SC
001C-32	2	50,8	75,4	73	NO	1SN-2SC-1SC
001C-40	2.1/2	63,5	88,4	80	NO	2SC-1SC
001C-48	3	76,2	100,5	90	NO	2SC-1SC

## 0022



### Swaged Ferrule (no skive)

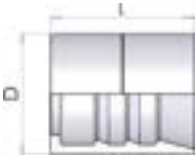
Product number	hose I.D.	I.D.	Dimension		skive	valid for
	in	mm	D	L	Length	-
0022-03	3/16	4.8	21	25.3	NO	25N-(15N)
0022-04	1/4	6.4	22	28	NO	25N-(15N)
0022-05	5/16	7.9	24	28	NO	25N-(15N)
0022-06	3/8	9.5	26	28	NO	25N-(15N)
0022-08	1/2	12.7	30	31	NO	25N-(15N)
0022-10	5/8	15.9	34	31	NO	25N-(15N)
0022-12	3/4	19	38	38.5	NO	25N-(15N)
0022-16	1	25.4	47	48	NO	25N-(15N)
0022-20	1.1/4	31.8	58	56	NO	25N-(15N)
0022-24	1.1/2	38.1	66	66	NO	25N-(15N)
0022-32	2	50.8	79	73	NO	25N-(15N)



**012N****Swaged Ferrule**

Product number	hose I.D.	I.D.	Dimension		skive	valid for
	in	mm	D	L	Length	
012N-04	1/4	6.4	18.3	28	21	ONE 1RN-TWO 2RN-2MC-2SC
012N-05	5/16	7.9	20.0	29	22	ONE 1RN-TWO 2RN-2MC-2SC
012N-06	3/8	9.5	22.8	30	23	ONE 1RN-TWO 2RN-2MC-2SC
012N-08	1/2	12.7	26.3	32	24	ONE 1RN-TWO 2RN-2MC-2SC
012N-10	5/8	15.9	29.8	34	26	ONE 1RN-TWO 2RN-2MC-2SC
012N-12	3/4	19	34.4	40	31	ONE 1RN-TWO 2RN-2MC-2SC
012N-16	1	25.4	42.9	49	38	ONE 1RN-TWO 2RN-2MC-2SC
012N-20	1.1/4	31.8	52.5	56	43	TWO 2RN
012N-24	1.1/2	38.1	59.2	63	49	TWO 2RN
012N-32	2	50.8	72.2	73	58	TWO 2RN

## 0001

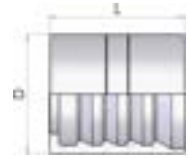


## Swaged Ferrule (skive)

Product number	hose I.D.	I.D.	Dimension		skive	valid for
	in	mm	D	L	Length	-
0001-03	3/16	4.8	17.5	27	20	1SN-(2SC-1ST)
0001-04	1/4	6.4	20	30.2	23	1SN-(2SC-1ST)
0001-05	5/16	7.9	22	30.7	23	1SN-(2SC-1ST)
0001-06	3/8	9.5	24	32	24	1SN-(2SC-1ST)
0001-08	1/2	12.7	28.5	34	25	1SN-(2SC-1ST)
0001-10	5/8	15.9	32	37	27	1SN-(2SC-1ST)
0001-12	3/4	19	36	43	31	1SN-(2SC-1ST)
0001-16	1	25.4	43	50	37	1SN-(2SC-1ST)
0001-20	1.1/4	31.8	52	57	46	1SN-(2SC-1ST)
0001-24	1.1/2	38.1	57	63	44	1SN-(2SC-1ST)
0001-32	2	50.8	70.6	78	60	1SN-(2SC-1ST)

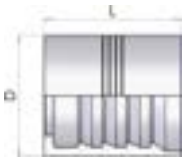
0002

## Swaged Ferrule (skive)



Product number	hose I.D.		I.D.		Dimension		skive	valid for
	in	mm	D	L	Length	-		
0002-03	3/16	4.8	20	27	21	25N-(2ST)		
0002-04	1/4	6.4	21	30	22	25N-(2ST)		
0002-05	5/16	7.9	24	30	22	25N-(2ST)		
0002-06	3/8	9.5	25.4	32	24	25N-35C-(2ST)		
0002-08	1/2	12.7	30	34	25	25N-(2ST)		
0002-10	5/8	15.9	34	37	27	25N-(2ST)		
0002-12	3/4	19	38	43	31	25N-(2ST)		
0002-16	1	25.4	46	50	37	25N-(2ST)		
0002-20	1.1/4	31.8	56	59	43	25N-(2ST)		
0002-24	1.1/2	38.1	62	63	45	25N-(2ST)		
0002-32	2	50.8	75	79	61	25N-(2ST)		
0002-40	2.1/2	63.5	95	83.7	63	25N-(2ST)		
0002-48	3	76.2	105.6	94.3	78	25N-(2ST)		

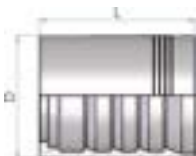
## 0009



### Swaged Ferrule (skive)

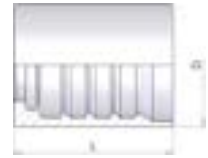
Product number	hose I.D.	Dimension		I.D.	skive	valid for
	in	D	mm	L	Length	
0009-04	1/4	21	6.4	30	22	4SP-R12
0009-06	3/8	25.4	9.5	33.5	26	4SP-R12
0009-08	1/2	30	12.7	36	28	4SP-R12
0009-10	5/8	34	15.9	40	31	4SP-R12
0009-12	3/4	38	19	43	34	4SP-(R12-4SH)
0009-16	1	46	25.4	60	48	(4SP-R12)
0009-20	1.1/4	56	31.8	66	54	(4SP-R12)
0009-24	1.1/2	67	38.1	76.5	62	(4SP-R12)
0009-32	2	80	50.8	79.8	64	4SP

## 004H

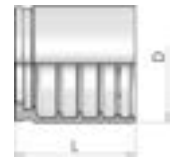


### Swaged Ferrule (skive)

Product number	hose I.D.	I.D.	Dimension		skive	valid for
	in	mm	D	L	Length	
004H-20	1.1/4	31.8	52	66	55	(4SH)
004H-24	1.1/2	38.1	62	76.5	63	(4SH)
004H-32	2	50.8	75	79.8	65	R12

**OSI4****Swaged Ferrule (skive)**

Product number	hose I.D.	I.D.	Dimension		skive	valid for
	in	mm	D	L	Length	
OSI4-06	3/8	9.5	24	31	23	Four SP - Hysoflex 4K - Hysoflex 5K - Hysoflex 6K
OSI4-08	1/2	12.7	27.6	33	24.5	Four SP - Hysoflex 4K - Hysoflex 5K - Hysoflex 6K
OSI4-10	5/8	15.9	32	36	27.5	Four SP - Hysoflex 4K
OSI4-12	3/4	19	36.4	42	32.5	Four SP - Hysoflex 4K
OSI4-16	1	25.4	44	55.5	44	Four SP - Hysoflex 4K

**BMC1****Swaged Ferrule (no skive)**

Product number	hose I.D.	I.D.	Dimension		skive	valid for
	in	mm	D	L	Length	
BMC1-12	3/4	19	45	41	NO	R12
BMC1-16	1	25.4	53.5	56	NO	R12-4SP-4SH
BMC1-20	1.1/4	31.8	62	62	NO	(4SH)

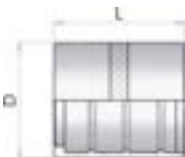
## BMC2



### Swaged Ferrule (no skive)

Product number	hose I.D.	I.D.	Dimension		skive	valid for
	in	mm	D	L	Length	-
BMC2-20	1.1/4	31.8	66	62	NO	R12-4SP
BMC2-24	1.1/2	38.1	73.3	70	NO	R12-4SP-(R13)

## 0007

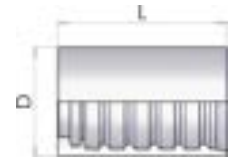


### Swaged Ferrule (no skive)

Product number	hose I.D.	I.D.	Dimension		skive	valid for
	in	mm	D	L	Length	-
0007-03	3/16	4.8	14	27	NO	R7-R6-1TE-2TE
0007-04	1/4	6.4	17	29	NO	R7-R6-1TE-2TE
0007-05	5/16	7.9	19	30	NO	R7-R6-1TE-2TE
0007-06	3/8	9.5	21	31	NO	R7-R6-1TE-2TE
0007-08	1/2	12.7	25.4	34	NO	R7-R6-1TE-2TE
0007-10	5/8	15.9	28.5	36	NO	R7-R6-1TE-2TE
0007-12	3/4	19	32	36	NO	R7-R6-1TE-2TE
0007-16	1	25.4	40	50	NO	R7-R6-1TE-2TE

## 0008

## Swaged Ferrule (no skive)



Product number	hose I.D.	I.D.	Dimension		skive	valid for
	in	mm	D	L	Length	-
0008-03	3/16	4.8	13	25	NO	R8
0008-04	1/4	6.4	17	29	NO	R8
0008-05	5/16	7.9	19	30	NO	R8
0008-06	3/8	9.5	21.5	31	NO	R8
0008-08	1/2	12.7	26	34	NO	R8
0008-10	5/8	15.9	29	40	NO	R8
0008-12	3/4	19	32	42	NO	R8
0008-16	1	25.4	40	50	NO	R8

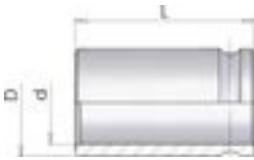
## 0003

## Swaged Ferrule (no skive)



Product number	hose I.D.	I.D.	Dimension		skive	valid for
	in	mm	D	L	Length	-
0003-03	3/16	4.8	14	27	NO	R3-3TE-R5
0003-04	1/4	6.4	19	29	NO	R3-3TE-R5
0003-05	5/16	7.9	22	30	NO	R3-3TE-R5
0003-06	3/8	9.5	24	31	NO	R3-3TE-R5
0003-08	1/2	12.7	28.5	34	NO	R3-3TE-R5
0003-10	5/8	15.9	32	36	NO	R3-3TE-R5
0003-12	3/4	19	38	42	NO	R3-3TE-R5
0003-16	1	25.4	46	50	NO	R3-3TE
0003-20	1.1/4	31.8	52	57	NO	R3-3TE

## PTFE

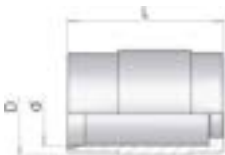


### Ferrule for PTFE hose

Product number	hose I.D.	Dimension			I.D.	skive	valid for
	in	D	mm	L	d-int	Length	-
PTFE-03	3/16	12.7	4.8	22	9.5	NO	PTFE type T1
PTFE-04	1/4	14.4	6.4	23.9	11.1	NO	PTFE type T1
PTFE-05	5/16	17.1	7.9	24.6	13	NO	PTFE type T1
PTFE-06	3/8	19	9.5	27.4	15	NO	PTFE type T1
PTFE-08	1/2	22.4	12.7	28.7	18.3	NO	PTFE type T1
PTFE-10	5/8	27	15.9	31.7	23.1	NO	PTFE type T1
PTFE-12	3/4	28.7	19	34.5	24.8	NO	PTFE type T1
PTFE-16	1	38.1	25.4	43.6	34.3	NO	PTFE type T1

For PTFE hose type T1 - (with standard fittings)

## PTFE-C

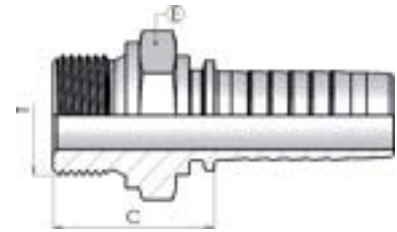


### Ferrule for PTFE hose

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

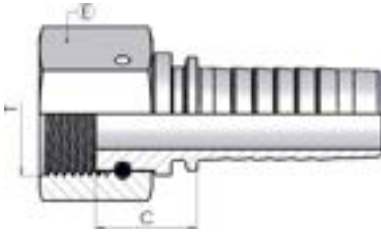
For PTFE hose type LTC - (with standard fittings)



**0345****BSP Male - Flat Seat****(AGR-F)**

Product number	hose I.D.	Dimension				I.D.
	in	dash size	mm	T	E	Cut-off C
0345-04-04	1/4	04	6.4	1/4-19	19	27
0345-05-06	5/16	05	7.9	3/8-19	22	28
0345-06-06	3/8	06	9.5	3/8-19	22	29
0345-06-08	3/8	06	9.5	1/2-14	27	32
0345-08-08	1/2	08	12.7	1/2-14	27	33
0345-10-12	5/8	10	15.9	3/4-14	32	35
0345-12-12	3/4	12	19	3/4-14	32	36
0345-12-16	3/4	12	19	1-11	41	39
0345-16-16	1	16	25.4	1-11	41	40

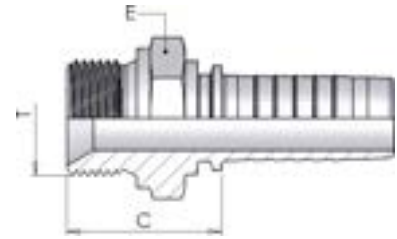
# 0060



## BSP Female flat seat

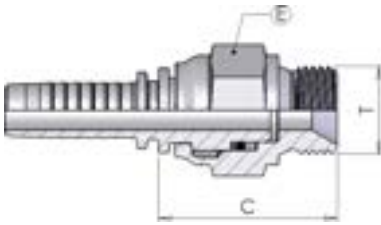
**(DKR-F)**

Product number	hose I.D.		I.D.	Dimension		
	in	mm		dash size	T	E
0060-04-04	1/4	6.4	04	1/4-19	19	14
0060-04-06	1/4	6.4	04	3/8-19	22	15
0060-05-06	5/16	7.9	05	3/8-19	22	15
0060-05-08	5/16	7.9	05	1/2-14	27	17
0060-06-06	3/8	9.5	06	3/8-19	22	15
0060-06-08	3/8	9.5	06	1/2-14	27	16
0060-08-08	1/2	12.7	08	1/2-14	27	16
0060-08-12	1/2	12.7	08	3/4-14	32	23
0060-10-10	5/8	15.9	10	5/8-14	30	16
0060-10-12	5/8	15.9	10	3/4-14	32	20
0060-12-12	3/4	19	12	3/4-14	32	21
0060-12-16	3/4	19	12	1-11	38	23
0060-16-16	1	25.4	16	1-11	38	22

**BSP Male Parallel 60° cone****(AGR)**

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

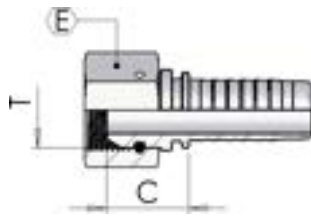
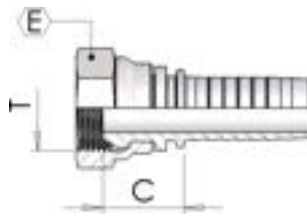
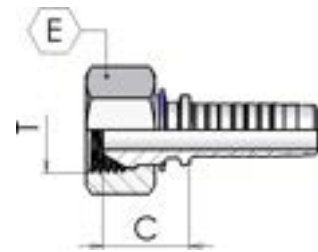
# 035G



## BSP Male Parallel 60° Cone - Rotating

**(AGR-RO)**

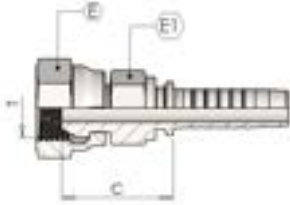
Product number	hose I.D.	I.D.	Dimension			
	in	mm	dash size	T	E	Cut-off C
035G-04-04	1/4	6.4	04	1/4-19	19	37
035G-06-06	3/8	9.5	06	3/8-19	22	43
035G-08-08	1/2	12.7	08	1/2-14	27	47
035G-12-12	3/4	19	12	3/4-14	32	52

**0050****0051****0058****BSP Female 60° Cone****(DKR)**

Product number	hose I.D.		Dimension			
	in	mm	dash size	Thread T	hex E	Cut-off C
0051-03-02	3/16	4.8	03	1/8-28	14	15
0058-03-04	3/16	4.8	03	1/4-19	19	17
0051-04-02	1/4	6.4	04	1/8-28	14	15
0058-04-04	1/4	6.4	04	1/4-19	19	21
0058-04-06	1/4	6.4	04	3/8-19	22	21
0051-05-04	5/16	9.5	05	1/4-19	19	19
0058-05-06	5/16	7.9	05	3/8-19	22	21
0058-05-08	5/16	7.9	05	1/2-14	27	22
0051-06-04	3/8	9.5	06	1/4-19	19	17
0058-06-06	3/8	9.5	06	3/8-19	22	21
0058-06-08	3/8	9.5	06	1/2-14	27	23
0051-08-06	1/2	12.7	08	3/8-19	22	20
0058-08-08	1/2	12.7	08	1/2-14	27	23
0051-08-10	1/2	12.7	08	5/8-14	30	20
0051-08-12	1/2	12.7	08	3/4-14	32	27
0051-10-08	5/8	15.9	10	1/2-14	27	23
0051-10-10	5/8	15.9	10	5/8-14	30	20
0051-10-12	5/8	15.9	10	3/4-14	32	25
0051-12-08	3/4	19	12	1/2-14	27	24
0051-12-12	3/4	19	12	3/4-14	32	25
0051-12-16	3/4	19	12	1-11	38	26
0051-16-12	1	25.4	16	3/4-14	32	27
0051-16-16	1	25.4	16	1-11	38	27
0050-16-20	1	25.4	16	1.1/4-11	50	30
0050-20-20	1.1/4	31.8	20	1.1/4-11	50	32
0050-20-24	1.1/4	31.8	20	1.1/2-11	55	34
0050-24-24	1.1/2	38.1	24	1.1/2-11	55	34
0050-24-32	1.1/2	38.1	24	2-11	70	34
0050-32-32	2	50.8	32	2-11	70	31
0050-40-40	2.1/2	63.5	40	2.1/2-11	85	41
0050-48-48	3	76.2	25.8	3-11	100	45

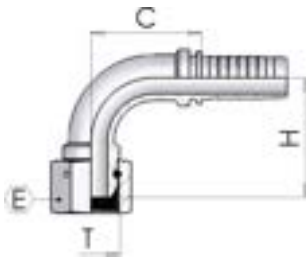
# 0051D

## BSP Female 60° Cone - Double Hexagon

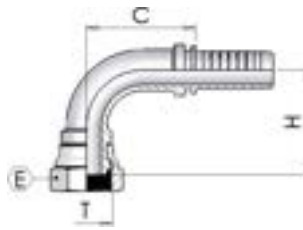


Product number	hose I.D.		Dimension				
	in	mm	dash size	T	E	E1	C
0051D04-04	1/4	6,4	04	1/4-19	19	14	22
0051D06-06	3/8	9,5	06	3/8-19	22	17	28
0051D08-08	1/2	12,7	08	1/2-14	27	22	30
0051D12-12	3/4	19	12	3/4-14	32	27	35

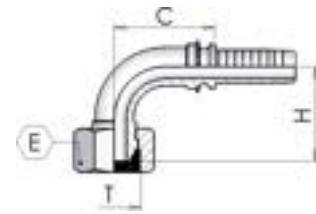
## 0150



## 0151



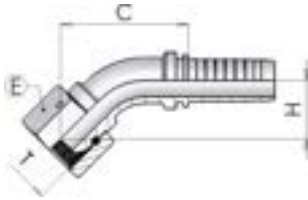
## 0158



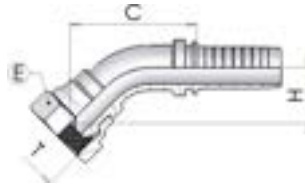
### BSP 90° Swept elbow 60° cone

Product number	hose I.D.		Dimension				
	in	mm	dash size	T	E	H	Cut-off C
0151-03-02	3/16	4.8	03	1/8-28	14	23	23
0151-03-04	3/16	4.8	03	1/4-19	19	25	25
0151-04-02	1/4	6.4	04	1/8-28	14	25	25
0158-04-04	1/4	6.4	04	1/4-19	19	21	27
0158-04-06	1/4	6.4	04	3/8-19	22	24	27
0151-05-04	5/16	7.9	05	1/4-19	19	31	31
0158-05-06	5/16	7.9	05	3/8-19	22	29	31
0151-06-04	3/8	9.5	06	1/4-19	19	33	31
0158-06-06	3/8	9.5	06	3/8-19	22	29	33
0158-06-08	3/8	9.5	06	1/2-14	27	31	36
0151-08-06	1/2	12.7	08	3/8-19	22	42	39
0158-08-08	1/2	12.7	08	1/2-14	27	37.5	38.5
0151-08-10	1/2	12.7	08	5/8-14	30	41	40
0151-08-12	1/2	12.7	08	3/4-14	32	46	41
0151-10-10	5/8	15.9	10	5/8-14	30	43	43
0151-10-12	5/8	15.9	10	3/4-14	32	50	45
0151-12-12	3/4	19	12	3/4-14	32	57	56
0151-12-16	3/4	19	12	1-11	38	56	56
0151-16-16	1	25.4	16	1-11	38	67	70
0150-20-20	1.1/4	31.8	20	1.1/4-11	50	84	83
0150-24-24	1.1/2	38.1	24	1.1/2-11	55	95	103
0150-32-32	2	50.8	32	2-11	70	124	133

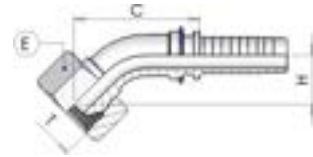
## 0250



## 0251



## 0258

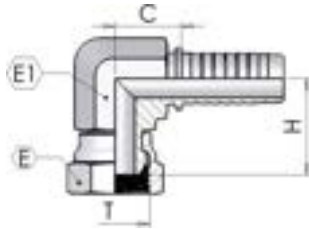
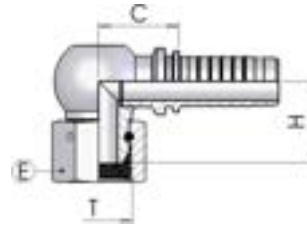


### BSP 45° Swept Elbow 60° Cone

### (DKR-45°)

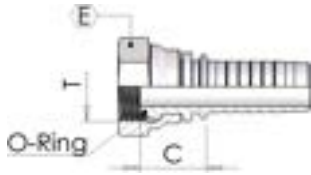
Product number	hose I.D.		Dimension				
	in	mm	dash size	T	E	H	C
0251-03-02	3/16	4.8	03	1/8-28	14	15	33
0251-04-02	1/4	6.4	04	1/8-28	14	14	40
0258-04-04	1/4	6.4	04	1/4-19	19	14	39
0258-04-06	1/4	6.4	04	3/8-19	22	16	41
0251-05-04	5/16	7.9	05	1/4-19	19	16	47
0251-06-04	3/8	9.5	06	1/4-19	19	19	50
0258-06-06	3/8	9.5	06	3/8-19	22	17	47
0258-06-08	3/8	9.5	06	1/2-14	27	16	52
0251-08-06	1/2	12.7	08	3/8-19	22	22	63
0258-08-08	1/2	12.7	08	1/2-14	27	19	61
0251-08-10	1/2	12.7	08	5/8-14	30	21	64
0251-08-12	1/2	12.7	08	3/4-14	32	26	67
0251-10-08	5/8	15.9	10	1/2-14	27	24	68
0251-10-10	5/8	15.9	10	5/8-14	30	23	68
0251-10-12	5/8	15.9	10	3/4-14	32	27	72
0251-12-12	3/4	19	12	3/4-14	32	28	88
0251-12-16	3/4	19	12	1-11	38	32	88
0251-16-16	1	25.4	16	1-11	38	30	88
0250-20-20	1.1/4	31.8	20	1.1/4-11	50	40	107
0250-24-24	1.1/2	38.1	24	1.1/2-11	55	51	117
0250-32-32	2	50.8	32	2-11	70	59	146



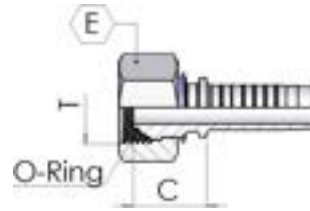
**2321****2300****BSP 90° Compact Elbow 60° Cone**

Product number	hose I.D.		Dimension					
	in	mm	dash size	T	E	EI	H	C
2321-03-02	3/16	4.8	03	1/8-28	14	12	18	17
2321-03-04	3/16	4.8	03	1/4-19	19	14	20	17
2321-04-04	1/4	6.4	04	1/4-19	19	15	20	19
2321-04-06	1/4	6.4	04	3/8-19	22	17	29	24
2321-05-06	5/16	7.9	05	3/8-19	22	17	23	24
2321-06-06	3/8	9.5	06	3/8-19	22	17	23	23
2321-06-08	3/8	9.5	06	1/2-14	27	19	26	28
2321-08-08	1/2	12.7	08	1/2-14	27	22	27	26
2321-10-10	5/8	15.9	10	5/8-14	30	24	28	29
2321-12-12	3/4	19	12	3/4-14	32	27	32	32
2321-16-16	1	25.4	16	1-11	38	32	36	38
2300-20-20	1.1/4	31.8	20	1.1/4-11	50	-	46	47

## 0041



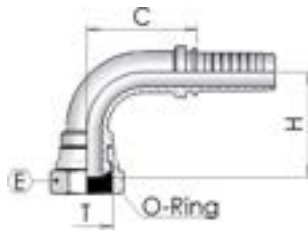
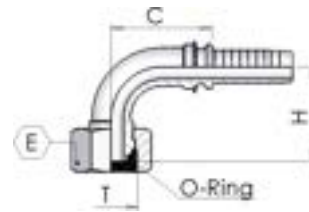
## 0048



### BSP O'Ring Female 60° Cone

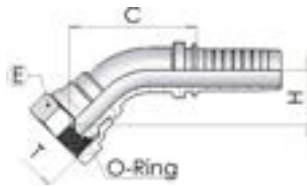
#### (DKR-OR)

Product number	hose I.D.		Dimension			
	in	mm	dash size	Thread T	hex E	Cut-off C
0048-04-04	1/4	6.4	04	1/4-19	19	22
0048-04-06	1/4	6.4	04	3/8-19	22	20
0048-06-06	3/8	9.5	06	3/8-19	22	20
0048-06-08	3/8	9.5	06	1/2-14	27	23
0048-08-08	1/2	12.7	08	1/2-14	27	23
0041-10-10	5/8	15.9	10	5/8-14	30	21
0041-12-12	3/4	19	12	3/4-14	32	26
0041-16-16	1	25.4	16	1-11	38	28

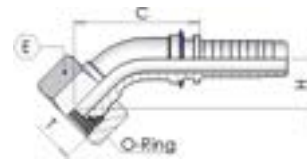
**0141****0148****BSP O'Ring 90° Swept elbow 60° cone****(DKR-OR 90°)**

Product number	hose I.D.		Dimension				
	in	mm	dash size	T	E	H	C
0148-04-04	1/4	6.4	04	1/4-19	19	22	27
0148-04-06	1/4	6.4	04	3/8-19	22	23	27
0148-06-06	3/8	9.5	06	3/8-19	22	23	27
0148-06-08	3/8	9.5	06	1/2-14	27	30	33
0148-08-08	1/2	12.7	08	1/2-14	27	35	42
0141-10-10	5/8	15.9	10	5/8-14	30	54	37
0141-12-12	3/4	19	12	3/4-14	32	58	56
0141-16-16	1	25.4	16	1-11	38	67	70

## 0241



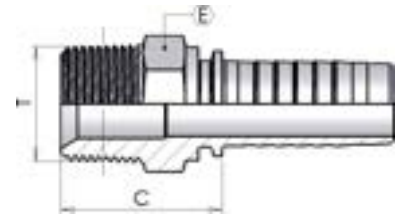
## 0248



### BSP O'Ring 45° Swept Elbow 60° Cone

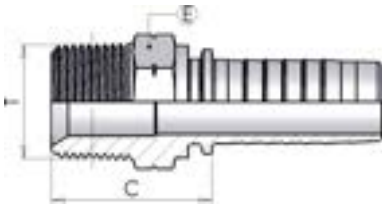
### (DKR-OR 45°)

Product number	hose I.D.		Dimension				
	in	mm	dash size	T	E	H	C
0248-04-04	1/4	6.4	04	1/4-19	19	15	41
0248-06-06	3/8	9.5	06	3/8-19	22	15	47
0248-08-08	1/2	12.7	08	1/2-14	27	19	61
0241-12-12	3/4	19	12	3/4-14	32	28	88
0241-16-16	1	25.4	16	1-11	38	32	114

**0360****BSP Taper Male 60° cone****(AGR-K)**

Product number	hose I.D.		I.D.	Dimension		
	in	mm		dash size	T	E
0360-03-02	3/16	4.8	03	1/8-28	12	21
0360-03-04	3/16	4.8	03	1/4-19	15	27
0360-04-02	1/4	6.4	04	1/8-28	12	22
0360-04-04	1/4	6.4	04	1/4-19	15	28
0360-04-06	1/4	6.4	04	3/8-19	19	28
0360-05-04	5/16	7.9	05	1/4-19	15	28
0360-05-06	5/16	7.9	05	3/8-19	19	28
0360-06-04	3/8	9.5	06	1/4-19	17	28
0360-06-06	3/8	9.5	06	3/8-19	19	28
0360-06-08	3/8	9.5	06	1/2-14	22	33
0360-08-06	1/2	12.7	08	3/8-19	19	29
0360-08-08	1/2	12.7	08	1/2-14	22	34
0360-08-12	1/2	12.7	08	3/4-14	27	36
0360-12-12	3/4	19	12	3/4-14	27	37
0360-12-16	3/4	19	12	1-11	36	43
0360-16-16	1	25.4	16	1-11	36	44
0360-20-20	1.1/4	31.8	20	1.1/4-11	46	47
0360-24-24	1.1/2	38.1	24	1.1/2-11	50	49
0360-32-32	2	50.8	32	2-11	65	55

# 0370



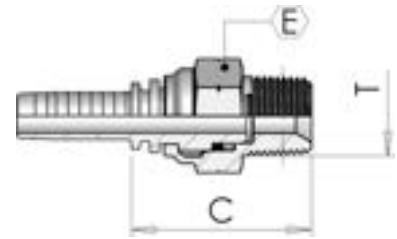
**NPTF Male 60° cone**

**(AGN)**

Product number	hose I.D.		Dimension			
	in	mm	dash size	Cut-off C	T	E
0370-03-02	3/16	4.8	03	22	1/8-27	12
0370-03-04	3/16	4.8	03	27	1/4-18	15
0370-04-02	1/4	6.4	04	22	1/8-27	12
0370-04-04	1/4	6.4	04	28	1/4-18	15
0370-04-06	1/4	6.4	04	28	3/8-18	19
0370-05-04	5/16	7.9	05	28	1/4-18	15
0370-05-06	5/16	7.9	05	28	3/8-18	19
0370-06-04	3/8	9.5	06	28	1/4-18	17
0370-06-06	3/8	9.5	06	28	3/8-18	19
0370-06-08	3/8	9.5	06	34	1/2-14	22
0370-08-06	1/2	12.7	08	29	3/8-18	19
0370-08-08	1/2	12.7	08	35	1/2-14	22
0370-08-12	1/2	12.7	08	36	3/4-14	27
0370-10-08	5/8	15.9	10	35	1/2-14	24
0370-10-12	5/8	15.9	10	36	3/4-14	27
0370-12-08	3/4	19	12	36	1/2-14	24
0370-12-12	3/4	19	12	37	3/4-14	27
0370-12-16	3/4	19	12	43	1-11.1/2	36
0370-16-16	1	25.4	16	44	1-11.1/2	36
0370-20-20	1.1/4	31.8	20	47	1.1/4-11.1/2	46
0370-24-24	1.1/2	38.1	24	49	1.1/2-11.1/2	50
0370-32-32	2	50.8	32	55	2-11.1/2	65
0370-40-40	2.1/2	63.5	40	55	2.1/2-8	80
0370-48-48	3	76.2	48	58	3-8	90

## 037G

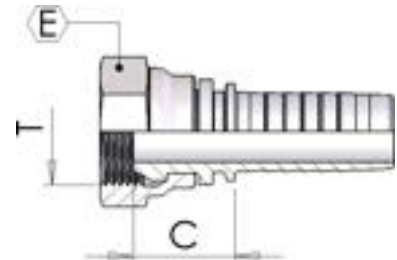
### NPTF Male Parallel 60° Cone - Rotating (AGN-RO)



Product number	hose I.D.	I.D.	Dimension			
	in	mm	dash size	T	E	Cut-off C
037G-04-04	1/4	6.4	04	1/4-18	19	39
037G-06-06	3/8	9.5	06	3/8-18	22	43
037G-08-08	1/2	12.7	08	1/2-14	27	49
037G-12-12	3/4	19	12	3/4-14	32	52

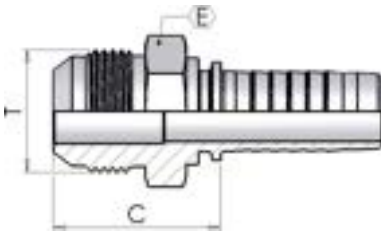
## N051

### NPSM Female 60° Cone Rolled Nut (DKN)



Product number	hose I.D.	I.D.	Dimension			
	in	mm	dash size	T	E	Cut-off C
N051-03-04	3/16	4.8	03	1/4-18	19	17
N051-04-04	1/4	6.4	04	1/4-18	19	17
N051-06-06	3/8	9.5	06	3/8-18	22	19
N051-08-08	1/2	12.7	08	1/2-14	27	23
N051-12-12	3/4	19.1	12	3/4-14	32	25
N051-16-16	1	25.4	16	1-11	38	27

# 0850

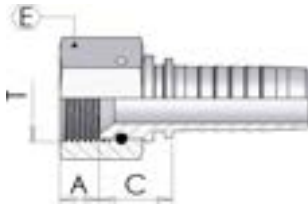
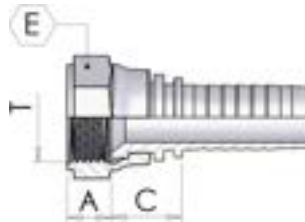
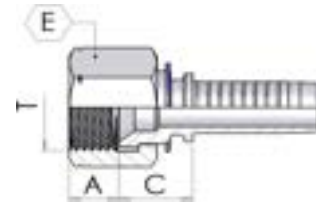


**JIC Male 74° cone**

**(AGJ)**

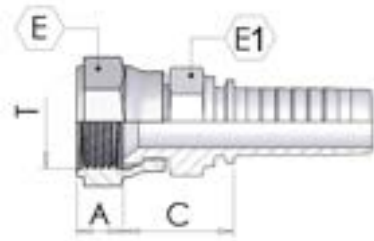
Product number	hose I.D.		I.D.	Dimension		
	in	mm		dash size	T	E
0850-03-04	3/16	4.8	03	7/16-20	12	26
0850-04-04	1/4	6.4	04	7/16-20	12	27
0850-04-05	1/4	6.4	04	1/2-20	14	27
0850-04-06	1/4	6.4	04	9/16-18	15	27
0850-05-05	5/16	7.9	05	1/2-20	14	27
0850-05-06	5/16	7.9	05	9/16-18	15	27
0850-05-08	5/16	7.9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



**0900****0901****0902****JIC Female 74°****(DKJ)**

Product number	hose I.D.		Dimension				
	in	mm	dash size	T	E	Cut-off C	A
0901-03-04	3/16	4.8	03	7/16-20	15	14	8.5
0901-03-05	3/16	4.8	03	1/2-20	17	14	9.5
0901-04-04	1/4	6.4	04	7/16-20	15	14	8.5
0902-04-05	1/4	6.4	04	1/2-20	17	17	9.5
0902-04-06	1/4	6.4	04	9/16-18	19	17	9
0901-04-07	1/4	6.4	04	5/8-18	22	17	11
0901-05-05	5/16	7.9	05	1/2-20	17	17	9.5
0901-05-07	5/16	7.9	05	5/8-18	22	17	11
0901-06-04	3/8	9.5	06	7/16-20	15	15	9
0901-06-05	3/8	9.5	06	1/2-20	17	15	9.5
0901-06-06	3/8	9.5	06	9/16-18	19	16	9
0901-06-07	3/8	9.5	06	5/8-18	22	16	11
0902-06-08	3/8	9.5	06	3/4-16	22	18	10.5
0901-08-08	1/2	12.7	08	3/4-16	24	18	10.5
0902-08-10	1/2	12.7	08	7/8-14	27	20	13
0901-10-10	5/8	15.9	10	7/8-14	27	20	13
0902-10-12	5/8	15.9	10	1.1/16-12	32	20	13.5
0901-12-10	3/4	19	12	7/8-14	27	20	13
0902-12-12	3/4	19	12	1.1/16-12	32	22	13.5
0901-12-14	3/4	19	12	1.3/16-12	36	23	14
0901-12-16	3/4	19	12	1.5/16-12	38	23	15.5
0901-16-12	1	25.4	12	1.1/16-12	32	23	13.5
0901-16-16	1	25.4	16	1.5/16-12	38	24	15.5
0900-16-20	1	25.4	16	1.5/8-12	50	27	16.5
0900-20-20	1.1/4	31.8	20	1.5/8-12	50	28	16.5
0900-20-24	1.1/4	31.8	20	1.7/8-12	55	31	19
0900-24-24	1.1/2	38.1	24	1.7/8-12	55	31	19
0900-32-32	2	50.8	32	2.1/2-12	70	31	20

# 0901D

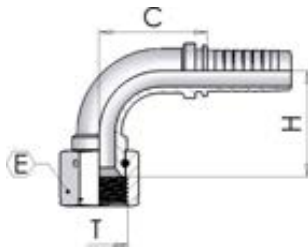


## JIC Female 74° Cone- Double Hexagon

**(DKJ)**

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

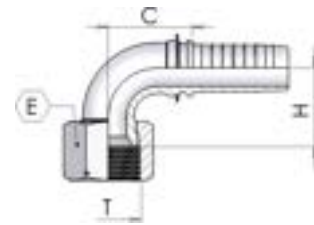
### 0950



### 0951



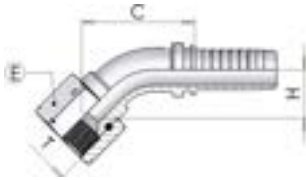
### 0952



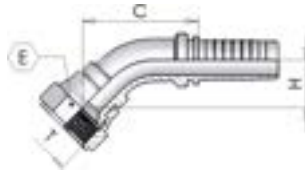
## JIC 90° Swept Elbow 74° cone

Product number	hose I.D.		Dimension				
	in	mm	dash size	T	E	H	C
0951-03-04	3/16	4.8	03	7/16-20	15	22	22
0951-03-05	3/16	4.8	03	1/2-20	17	22	22
0951-04-04	1/4	6.4	04	7/16-20	15	22	22
0952-04-05	1/4	6.4	04	1/2-20	17	21	27
0952-04-06	1/4	6.4	04	9/16-18	19	21	26
0951-05-05	5/16	7.9	05	1/2-20	17	30	29
0951-05-06	5/16	7.9	05	9/16-18	19	31	29
0951-06-05	3/8	9.5	06	1/2-20	17	33	30
0951-06-06	3/8	9.5	06	9/16-18	19	32	31
0951-06-07	3/8	9.5	06	5/8-18	22	32	33
0952-06-08	3/8	9.5	06	3/4-16	22	34	41
0951-06-10	3/8	9.5	06	7/8-14	27	36	33
0951-08-08	1/2	12.7	08	3/4-16	24	41	41
0952-08-10	1/2	12.7	08	7/8-14	27	34	41
0951-08-12	1/2	12.7	08	1.1/16-12	32	43	42
0951-10-10	5/8	15.9	10	7/8-14	27	44	43
0951-12-10	3/4	19	12	7/8-14	27	53	56
0952-10-12	5/8	15.9	10	1.1/16-12	32	37	47
0952-12-12	3/4	19	12	1.1/16-12	32	45	58
0951-12-14	3/4	19	12	1.3/16-12	36	53	56
0951-12-16	3/4	19	12	1.5/16-12	38	55	60
0951-16-12	1	25.4	16	1.1/16-12	38	55	60
0951-16-16	1	25.4	16	1.5/16-12	32	63	70
0950-20-20	1.1/4	31.8	20	1.5/8-12	50	85	82
0950-24-24	1.1/2	38.1	24	1.7/8-12	55	97	104
0950-32-32	2	50.8	32	2.1/2-12	70	134	124

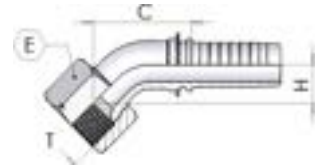
## 1000



## 1001



## 1002



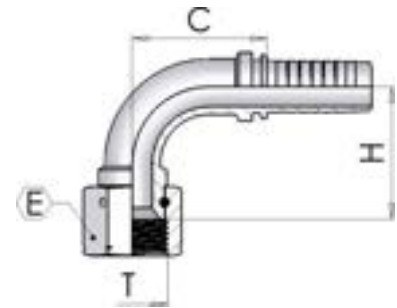
### JIC 45° Swept Elbow 74°

### (DKJ-45°)

Product number	hose I.D.		Dimension				
	in	mm	dash size	T	E	H	C
1001-03-04	3/16	4.8	03	7/16-20	15	15	33
1001-04-04	1/4	6.4	04	7/16-20	15	13	38
1002-04-05	1/4	6.4	04	1/2-20	17	11	38
1002-04-06	1/4	6.4	04	9/16-18	19	11	38
1001-05-05	5/16	7.9	05	1/2-20	17	17	46
1001-05-06	5/16	7.9	05	9/16-18	19	18	47
1001-06-05	3/8	9.5	06	1/2-20	17	18	49
1001-06-06	3/8	9.5	06	9/16-18	19	17	51
1002-06-08	3/8	9.5	06	3/4-16	22	13	48
1001-06-10	3/8	9.5	06	7/8-14	27	21	54
1001-08-08	1/2	12.7	08	3/4-16	24	22	62
1002-08-10	1/2	12.7	08	7/8-14	27	16	58
1001-08-12	1/2	12.7	08	1.1/16-12	32	25	68
1001-10-10	5/8	15.9	10	7/8-14	27	24	68
1002-10-12	5/8	15.9	10	1.1/16-12	32	18	66
1002-12-12	3/4	19	12	1.1/16-12	32	21	81
1001-12-14	3/4	19	12	1.3/16-12	36	29	84
1001-12-16	3/4	19	12	1.5/16-12	38	28	88
1001-16-16	1	25.4	16	1.5/16-12	38	29	83
1000-20-20	1.1/4	31.8	20	1.5/8-12	50	42	108
1000-24-24	1.1/2	38.1	24	1.7/8-12	55	49	156
1000-32-32	2	50.8	32	2.1/2-12	70	65	142

## 095S

### JIC 90° Swept Elbow 74° cone - ISO SHORT

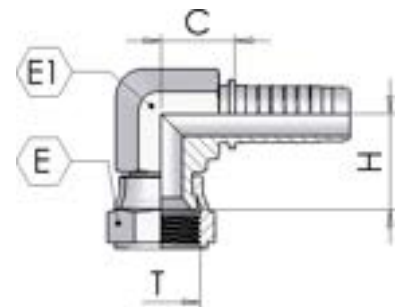


Product number	hose I.D.		Dimension				
	in	mm	dash size	T	E	H	C
095S-04-04	1/4	6.4	04	7/16-20	15	22	25
095S-06-06	3/8	9.5	06	9/16-18	19	23	31
095S-08-08	1/2	12.7	08	3/4-16	24	29	41
095S-10-10	5/8	15.9	10	7/8-14	27	32	43
095S-12-12	3/4	19	12	1.1/16-12	32	48	56
095S-16-16	1	25.4	16	1.5/16-12	41	57	70

## 2971

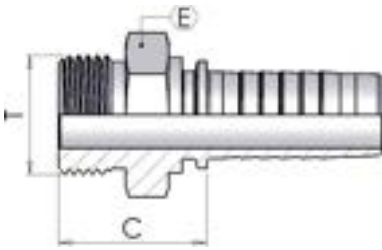
### JIC 90° Compact Elbow 74° cone - Crimped Nut

(DKJ-90°K)



Product number	hose I.D.		Dimension					
	in	mm	dash size	T	E	E1	H	C
2971-04-04	1/4	6.4	04	7/16-20	15	15	17	19
2971-04-05	1/4	6.4	04	1/2-20	17	15	18	19
2971-04-06	1/4	6.4	04	9/16-18	19	15	19	19
2971-05-06	5/16	7.9	05	9/16-18	19	17	20	20
2971-06-06	3/8	9.5	06	9/16-18	19	17	20	23
2971-06-08	3/8	9.5	06	3/4-16	24	19	22	24
2971-08-08	1/2	12.7	08	3/4-16	24	22	22.5	26.5
2971-08-10	1/2	12.7	08	7/8-14	27	22	23.5	26.5
2971-12-12	3/4	19.1	12	1.1/16-12	32	27	28.5	31.5
2971-16-16	1	25.4	16	1.5/16-12	38	32	33.5	37.5

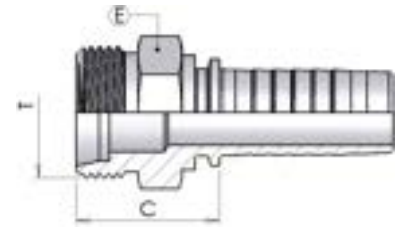
# 0385



## SAE Male O'R Flat Seat

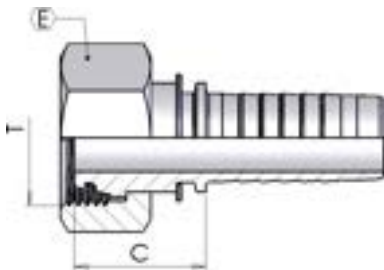
**(SAE-OR)**

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

**Metric Male 24° Seat Light****(CEL)**

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

# 0085



## Metric Female 24° Seat Light

(DKOL)

Product number	hose I.D.		Dimension				I.D.
	in	dash size	mm	T	erm.	€	Cut-off C
0085-03-12	3/16	03	4.8	M12-1.5	6	14	23
0085-03-14	3/16	03	4.8	M14-1.5	8	17	24
0085-04-12*	1/4	04	6.4	M12-1.5	6	14	25
0085-04-14	1/4	04	6.4	M14-1.5	8	17	24
0085-04-16	1/4	04	6.4	M16-1.5	10	19	24
0085-04-18	1/4	04	6.4	M18-1.5	12	22	25
0085-05-14*	5/16	05	7.9	M14-1.5	8	17	26
0085-05-16	5/16	05	7.9	M16-1.5	10	19	24
0085-05-18	5/16	05	7.9	M18-1.5	12	22	25
0085-06-16*	3/8	06	9.5	M16-1.5	10	19	25
0085-06-18	3/8	06	9.5	M18-1.5	12	22	25
0085-06-22	3/8	06	9.5	M22-1.5	15	27	29
0085-08-18*	1/2	08	12.7	M18-1.5	12	22	28
0085-08-22	1/2	08	12.7	M22-1.5	15	27	29
0085-08-26	1/2	08	12.7	M26-1.5	18	32	29
0085-10-22*	5/8	10	15.9	M22-1.5	15	27	31
0085-10-26	5/8	10	15.9	M26-1.5	18	32	29
0085-10-30	5/8	10	15.9	M30-2	22	36	29
0085-12-26*	3/4	12	19	M26-1.5	18	32	35
0085-12-30	3/4	12	19	M30-2	22	36	29
0085-12-36	3/4	12	19	M36-2	28	41	28
0085-16-36	1	16	25.4	M36-2	28	41	30
0085-20-45	1.1/4	20	31.8	M45-2	35	50	40
0085-20-52	1.1/4	20	31.8	M52-2	42	60	43
0085-24-52	1.1/2	24	38.1	M52-2	42	60	41

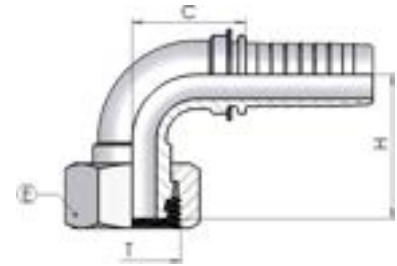
\*Rolled Nut



0185

## 90° Metric Swept Elbow 24° Seat Light

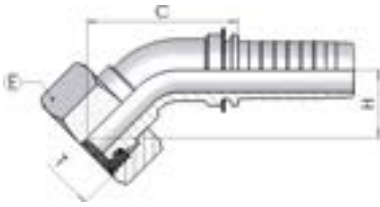
### (DKOL-90°)



Product number	hose I.D.		Dimension					
	in	mm	dash size	T	erm.	E	H	Cut-off C
0185-03-12	3/16	4.8	03	M12-1.5	6	14	23	22
0185-03-14	3/16	4.8	03	M14-1.5	8	17	24	23
0185-04-12*	1/4	6.4	04	M12-1.5	6	14	34	26
0185-04-14	1/4	6.4	04	M14-1.5	8	17	26	26
0185-04-16	1/4	6.4	04	M16-1.5	10	19	27	25
0185-04-18	1/4	6.4	04	M18-1.5	12	22	30	27
0185-05-14*	5/16	7.9	05	M14-1.5	8	19	38	30
0185-05-16	5/16	7.9	05	M16-1.5	10	19	31	31
0185-05-18	5/16	7.9	05	M18-1.5	12	22	32	31
0185-06-16*	3/8	9.5	06	M16-1.5	10	19	39	32
0185-06-18	3/8	9.5	06	M18-1.5	12	22	35	32
0185-06-22	3/8	9.5	06	M22-1.5	15	27	35	32
0185-08-18*	1/2	12.7	08	M18-1.5	12	24	48	40
0185-08-22	1/2	12.7	08	M22-1.5	15	27	38	41
0185-08-26	1/2	12.7	08	M26-1.5	18	32	39	41
0185-10-22*	5/8	15.9	10	M22-1.5	15	27	55	42
0185-10-26	5/8	15.9	10	M26-1.5	18	32	44	44
0185-12-30	3/4	19	12	M30-2	22	36	52	58
0185-16-36	1	25.4	16	M36-2	28	41	62	72
0185-20-45	1.1/4	31.8	20	M45-2	35	50	81	84
0185-24-52	1.1/2	38.1	24	M52-2	42	60	93	102

\*Rolled Nut

# 0285



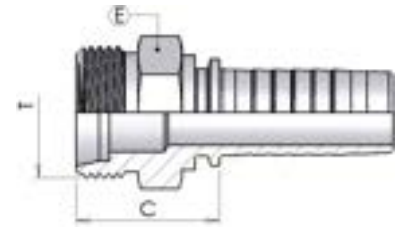
## 45° Metric Swept Elbow 24° Seat Light

**(DKOL-45°)**

Product number	hose I.D.		Dimension					
	in	mm	dash size	T	erm.	E	H	Cut-off C
0285-03-12	3/16	4.8	03	M12-1.5	6	14	14	36
0285-04-12*	1/4	6.4	04	M12-1.5	6	14	21	46
0285-04-14	1/4	6.4	04	M14-1.5	8	17	14	42
0285-04-16	1/4	6.4	04	M16-1.5	10	19	15	42
0285-04-18	1/4	6.4	04	M18-1.5	12	22	16	43
0285-05-16	5/16	7.9	05	M16-1.5	10	19	17	48
0285-05-18	5/16	7.9	05	M18-1.5	12	22	18	48
0285-06-16*	3/8	9.5	06	M16-1.5	10	19	22	55
0285-06-18	3/8	9.5	06	M18-1.5	12	22	19	52
0285-06-22	3/8	9.5	06	M22-1.5	15	27	19	51
0285-08-22	1/2	12.7	08	M22-1.5	15	27	21	63
0285-08-26	1/2	12.7	08	M26-1.5	18	32	22	63
0285-10-22*	5/8	15.9	10	M22-1.5	15	27	32	75
0285-10-26	5/8	15.9	10	M26-1.5	18	32	23	68
0285-12-30	3/4	19	12	M30-2	22	36	25	86
0285-16-36	1	25.4	16	M36-2	28	41	29	81
0285-20-45	1.1/4	31.8	20	M45-2	35	50	32	106
0285-24-52	1.1/2	38.1	24	M52-2	42	60	43	119

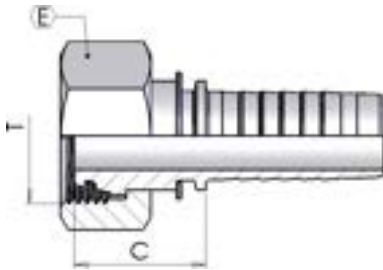
\*Rolled Nut

0450

**Metric Male 24° Seat Heavy****(CES)**

Product number	hose I.D.		Dimension				
	in	mm	dash size	T	erm.	E	Cut-off C
0450-03-16	3/16	4.8	03	M16-1.5	8	17	26
0450-04-14	1/4	6.4	04	M14-1.5	6	14	25
0450-04-16	1/4	6.4	04	M16-1.5	8	17	27
0450-04-18	1/4	6.4	04	M18-1.5	10	19	27
0450-04-20	1/4	6.4	04	M20-1.5	12	22	27
0450-05-18	5/16	7.9	05	M18-1.5	10	19	27
0450-05-20	5/16	7.9	05	M20-1.5	12	22	29
0450-06-18	3/8	9.5	06	M18-1.5	10	19	27
0450-06-20	3/8	9.5	06	M20-1.5	12	22	29
0450-06-22	3/8	9.5	06	M22-1.5	14	22	31
0450-06-24	3/8	9.5	06	M24-1.5	16	24	31
0450-08-20	1/2	12.7	08	M20-1.5	12	22	29
0450-08-22	1/2	12.7	08	M22-1.5	14	22	31
0450-08-24	1/2	12.7	08	M24-1.5	16	24	32
0450-08-30	1/2	12.7	08	M30-2	20	30	33
0450-10-30	5/8	15.9	10	M30-2	20	30	34
0450-12-30	3/4	19	12	M30-2	20	30	35
0450-12-36	3/4	19	12	M36-2	25	36	38
0450-16-36	1	25.4	16	M36-2	25	36	39
0450-16-42	1	25.4	16	M42-2	30	46	42
0450-20-42	1.1/4	31.8	20	M42-2	30	46	43
0450-20-52	1.1/4	31.8	20	M52-2	38	55	45
0450-24-52	1.1/2	38.1	24	M52-2	38	55	45

# 0084



## Metric Female 24° Seat Heavy

**(DKOS)**

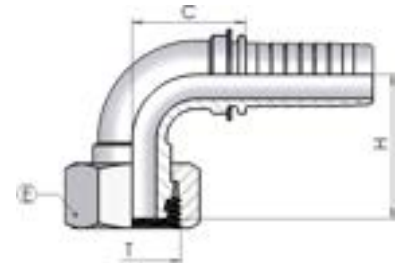
Product number	hose I.D.		dash size	Dimension			
	in	mm		T	erm.	€	Cut-off C
0084-03-14	3/16	4.8	03	M14-1.5	6	17	22
0084-03-16	3/16	4.8	03	M16-1.5	8	19	25
0084-04-14	1/4	6.4	04	M14-1.5	6	17	23
0084-04-16	1/4	6.4	04	M16-1.5	8	19	25
0084-04-18	1/4	6.4	04	M18-1.5	10	22	24
0084-04-20	1/4	6.4	04	M20-1.5	12	24	22
0084-05-16	5/16	7.9	05	M16-1.5	8	19	26
0084-05-18	5/16	7.9	05	M18-1.5	10	22	25
0084-05-20	5/16	7.9	05	M20-1.5	12	24	25
0084-06-18	3/8	9.5	06	M18-1.5	10	22	25
0084-06-20	3/8	9.5	06	M20-1.5	12	24	25
0084-06-22	3/8	9.5	06	M22-1.5	14	27	29
0084-06-24	3/8	9.5	06	M24-1.5	16	30	29
0084-08-20*	1/2	12.7	08	M20-1.5	12	27	28
0084-08-22	1/2	12.7	08	M22-1.5	14	27	17
0084-08-24	1/2	12.7	08	M24-1.5	16	30	30
0084-08-30	1/2	12.7	08	M30-2	20	36	33
0084-10-24*	5/8	15.9	10	M24-1.5	16	30	31
0084-10-30	5/8	15.9	10	M30-2	20	36	33
0084-12-30	3/4	19	12	M30-2	20	36	34
0084-12-36	3/4	19	12	M36-2	25	46	40
0084-16-36	1	25.4	16	M36-2	25	46	41
0084-16-42	1	25.4	16	M42-2	30	50	43
0084-20-52	1.1/4	31.8	20	M52-2	38	60	44
0084-24-52	1.1/2	38.1	24	M52-2	38	60	44

\*Rolled Nut

0184

## 90° Metric Swept Elbow 24° Seat Heavy

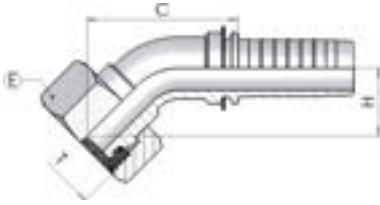
### (DKOS-90°)



Product number	hose I.D.		Dimension					
	in	mm	dash size	T	erm.	E	H	Cut-off C
0184-03-16	3/16	4.8	03	M16-1.5	8	19	25	22
0184-04-14	1/4	6.4	04	M14-1.5	6	17	26	27
0184-04-16	1/4	6.4	04	M16-1.5	8	19	26	26
0184-04-18	1/4	6.4	04	M18-1.5	10	22	31	27
0184-04-20	1/4	6.4	04	M20-1.5	12	24	30	27
0184-05-18	5/16	7.9	05	M18-1.5	10	22	33	33
0184-05-20	5/16	7.9	05	M20-1.5	12	24	34	30
0184-06-18	3/8	9.5	06	M18-1.5	10	22	35	34
0184-06-20	3/8	9.5	06	M20-1.5	12	24	34	34
0184-06-22	3/8	9.5	06	M22-1.5	14	27	33	33
0184-06-24	3/8	9.5	06	M24-1.5	16	30	35	33
0184-08-20*	1/2	12.7	08	M20-1.5	12	27	48	40
0184-08-22	1/2	12.7	08	M22-1.5	14	27	41	40
0184-08-24	1/2	12.7	08	M24-1.5	16	30	41	40
0184-10-24*	5/8	15.9	10	M24-1.5	16	30	60	42
0184-10-30	5/8	15.9	10	M30-2	20	36	50	46
0184-12-30	3/4	19	12	M30-2	20	36	56	58
0184-12-36	3/4	19	12	M36-2	25	46	57	59
0184-16-36	1	25.4	16	M36-2	25	46	67	77
0184-16-42	1	25.4	16	M42-2	30	50	67	72
0184-20-52	1.1/4	31.8	20	M52-2	38	60	82	84
0184-24-52	1.1/2	38.1	24	M52-2	38	60	105	105

\*Rolled Nut

# 0284



## 45° Metric Swept Elbow 24° Seat Heavy

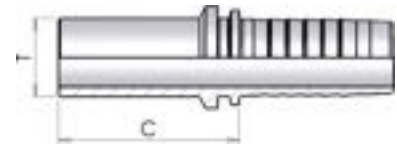
**(DKOS-45°)**

Product number	hose I.D.		Dimension					
	in	mm	dash size	T	erm.	E	H	Cut-off C
0284-03-16	3/16	4.8	03	M16-1.5	8	19	16	36
0284-04-14	1/4	6.4	04	M14-1.5	6	17	15	37
0284-04-16	1/4	6.4	04	M16-1.5	8	19	15	42
0284-04-18	1/4	6.4	04	M18-1.5	10	22	18	45
0284-05-20	5/16	7.9	05	M20-1.5	12	24	19	49
0284-06-18	3/8	9.5	06	M18-1.5	10	22	19	51
0284-06-20	3/8	9.5	06	M20-1.5	12	24	18	53
0284-06-22	3/8	9.5	06	M22-1.5	14	27	20	54
0284-08-24	1/2	12.7	08	M24-1.5	16	30	21	63
0284-10-30	5/8	15.9	10	M30-2	20	36	29	74
0284-12-30	3/4	19	12	M30-2	20	36	30	87
0284-12-36	3/4	19	12	M36-2	25	46	29	56
0284-16-36	1	25.4	16	M36-2	25	46	30	85
0284-16-42	1	25.4	16	M42-2	30	50	30	85
0284-20-52	1.1/4	31.8	20	M52-2	38	60	39	105
0284-24-52	1.1/2	38.1	24	M52-2	38	60	53	129

0550

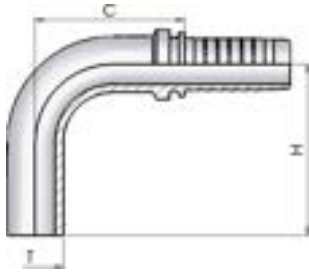
## Metric Standpipe

(BEL-BES)

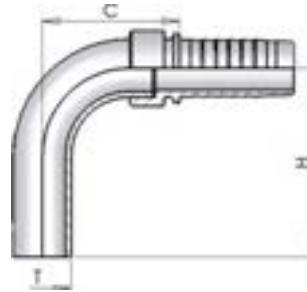


Product number	hose I.D.		Dimension			
	in	mm	dash size	Pipe T	Type	Cut-off C
0550-03-06	3/16	4.8	03	6	L/S	30
0550-03-08	3/16	4.8	03	8	L/S	29
0550-04-06	1/4	6.4	04	6	L/S	32
0550-04-08	1/4	6.4	04	8	L/S	30
0550-04-10	1/4	6.4	04	10	L/S	33
0550-04-12	1/4	6.4	04	12	L/S	30
0550-05-08	5/16	7.9	05	08	L/S	31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

## 0650



## 0650S

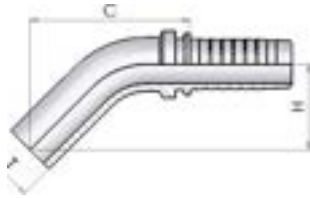
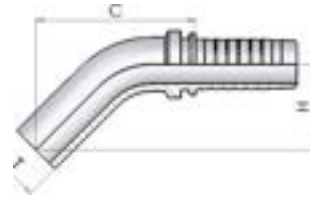


### 90° Metric Standpipe

#### (BEL-BES 90°)

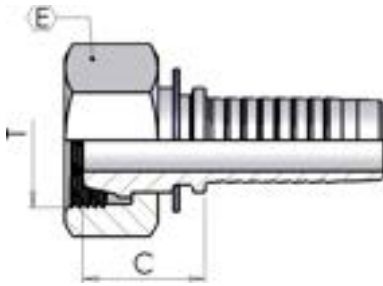
Product number	hose I.D.		Dimension				
	in	mm	dash size	Pipe T	Type	H	Cut-off C
0650-03-06	3/16	4.8	03	6	L/S	32	20
0650S03-08	3/16	4.8	03	8	L/S	41	25
0650-04-06	1/4	6.4	04	6	L/S	32	23
0650-04-08	1/4	6.4	04	8	L/S	34	25
0650-04-10	1/4	6.4	04	10	L/S	43	25
0650S04-12	1/4	6.4	04	12	L/S	44	35
0650-05-10	5/16	7.9	05	10	L/S	40	29
0650-05-12	5/16	7.9	05	12	L/S	45	29
0650-06-10	3/8	9.5	06	10	L/S	40	27
0650-06-12	3/8	9.5	06	12	L/S	44	30
0650S06-15	3/8	9.5	06	15	L	52	39
0650S08-12	1/2	12.7	08	12	L/S	44	33
0650S08-15	1/2	12.7	08	15	L	52	39
0650S08-18	1/2	12.7	08	18	L	56	42
0650S10-18	5/8	15.9	10	18	L	56	51
0650S12-22	3/4	19	12	22	L	71	51
0650S12-25	3/4	19	12	25	S	75	57
0650S16-25	1	25.4	16	25	S	75	57
0650S16-28	1	25.4	16	28	L	89	60
0650S24-42	1.1/2	38.1	24	42	L	125	106



**0750****0750S****45° Metric Standpipe****(BEL-BES 45°)**

Product number	hose I.D.		Dimension				
	in	mm	dash size	Pipe T	Type	H	Cut-off C
0750-03-06	3/16	4.8	03	6	L/S	25	38
0750-04-06	1/4	6.4	04	6	L/S	24	41
0750-04-08	1/4	6.4	04	8	L/S	25	43
0750-04-10	1/4	6.4	04	10	L/S	30	47
0750-05-10	5/16	7.9	05	10	L/S	30	49
0750-06-10	3/8	9.5	06	10	L/S	33	50
0750-06-12	3/8	9.5	06	12	L/S	33	52
0750S08-12	1/2	12.7	08	12	L	29	51
0750S08-15	1/2	12.7	08	15	L	29	55
0750S08-18	1/2	12.7	08	18	L	29	56
0750S10-18	5/8	15.7	10	18	L	29	56
0750S12-22	3/4	19	12	22	L	35	65

# 0035



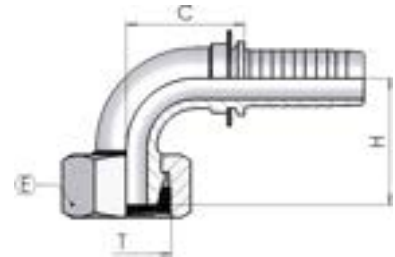
## Metric Female 24° Seat Light Multiseal

**(DKL)**

Product number	hose I.D.		Dimension				I.D.	
	in	dash size	mm	T	erm.	E	Cut-off C	
0035-03-12	3/16	03	4.8	M12-1.5	6	14	19	
0035-03-16	3/16	03	4.8	M16-1.5	10	19	18	
0035-04-14	1/4	04	6.4	M14-1.5	8	17	19	
0035-04-16	1/4	04	6.4	M16-1.5	10	19	19	
0035-05-16	5/16	05	7.9	M16-1.5	10	19	19	
0035-05-18	5/16	05	7.9	M18-1.5	12	22	21	
0035-06-16	3/8	06	9.5	M16-1.5	10	19	23	
0035-06-18	3/8	06	9.5	M18-1.5	12	22	23	
0035-06-22	3/8	06	9.5	M22-1.5	15	27	22	
0035-08-22	1/2	08	12.7	M22-1.5	15	27	22	
0035-08-26	1/2	08	12.7	M26-1.5	18	32	24	
0035-10-26	5/8	10	15.9	M26-1.5	18	32	24	
0035-12-30	3/4	12	19	M30-2	22	36	29	
0035-16-36	1	16	25.4	M36-2	28	41	30	

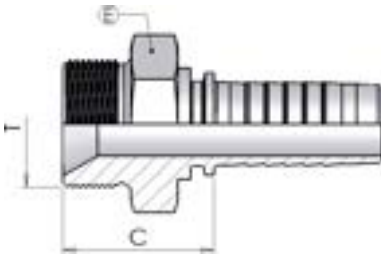
**0135**

## 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
0135-04-14	1/4	04	6.4	M14-1.5	8	17	25	25
0135-04-16	1/4	04	6.4	M16-1.5	10	19	24	26
0135-05-16	5/16	05	7.9	M16-1.5	10	19	29	32
0135-06-18	3/8	06	9.5	M18-1.5	12	22	30	36
0135-08-22	1/2	08	12.7	M22-1.5	15	27	38	41

# 0400

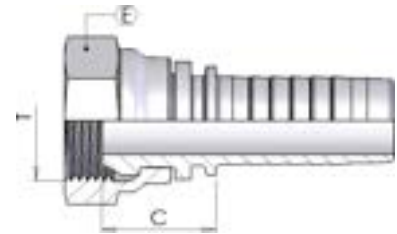


## Metric Male 60° cone

**(AGM)**

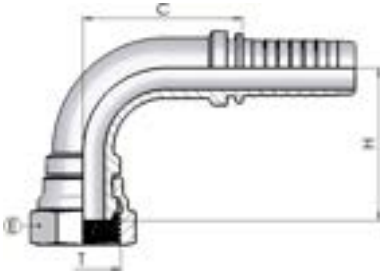
Product number	hose I.D.		I.D.	Dimension		
	in	mm		dash size	T	E
0400-03-10	3/16	4.8	03	M10-1	14	19
0400-03-12	3/16	4.8	03	M12-1.5	17	25
0400-04-14	1/4	6.4	04	M14-1.5	19	26
0400-05-16	5/16	7.9	05	M16-1.5	22	26
0400-05-18	5/16	7.9	05	M18-1.5	24	26
0400-06-14	3/8	9.5	06	M14-1.5	19	26
0400-06-16	3/8	9.5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

0100

**Metric Female 60° cone****(DKM)**

Product number	hose I.D.	I.D.	Dimension			
	in	mm	dash size	T	E	Cut-off C
0100-03-10	3/16	4.8	03	M10-1	14	15
0100-04-10	1/4	6.4	04	M10-1	14	15
0100-04-14	1/4	6.4	04	M14-1.5	19	17
0100-05-14	5/16	7.9	05	M14-1.5	19	17
0100-05-16	5/16	7.9	05	M16-1.5	22	19
0100-05-18	5/16	7.9	05	M18-1.5	24	19
0100-06-14	3/8	9.5	06	M14-1.5	19	17
0100-06-16	3/8	9.5	06	M16-1.5	22	19
0100-06-18	1/2	12.7	08	M18-1.5	24	19
0100-08-18	1/2	12.7	08	M18-1.5	24	20
0100-08-20	1/2	12.7	08	M20-1.5	27	22.5
0100-08-22	1/2	12.7	08	M22-1.5	27	22.5
0100-10-26	5/8	15.9	10	M26-1.5	32	25
0100-12-30	3/4	19	12	M30-1.5	36	26
0100-16-38	1	25.4	16	M38-1.5	46	33
0100-20-45	1.1/4	31.8	20	M45-1.5	50	34
0100-24-52	1.1/2	38	24	M52x1.5	60	35
0100-32-65	2	50.8	32	M65-2	75	31

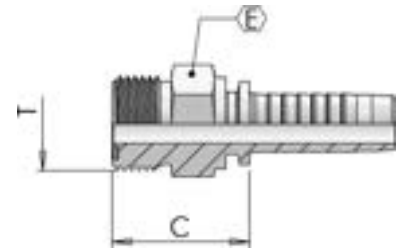
# 0200



## 90° Metric Swept Elbow 60° cone

**(DKM-90°)**

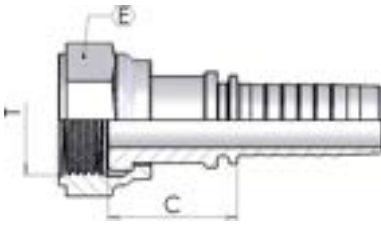
Product number	hose I.D.		Dimension				I.D.
	in	dash size	mm	T	E	H	Cut-off C
0200-03-10	3/16	03	4.8	M10-1	14	23	22
0200-04-10	1/4	04	6.4	M10-1	14	25	24
0200-04-14	1/4	04	6.4	M14-1.5	19	26	24
0200-05-14	5/16	05	7.9	M14-1.5	19	31	29
0200-05-16	5/16	05	7.9	M16-1.5	22	35	29
0200-05-18	5/16	05	7.9	M18-1.5	24	35	29
0200-06-16	3/8	06	9.5	M16-1.5	22	34	33
0200-06-18	3/8	06	9.5	M18-1.5	24	34	33
0200-08-22	1/2	08	12.7	M22-1.5	27	40	41
0200-12-30	3/4	12	19	M30-1.5	36	36	57
0200-16-38	1	16	25.4	M38-1.5	46	71	70

**S350****ORFS Male****(ORFS)**

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

- with plug and O-Ring

# S050

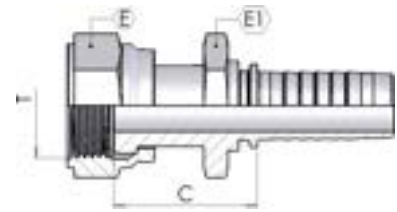


## ORFS Female

### (ORFS)

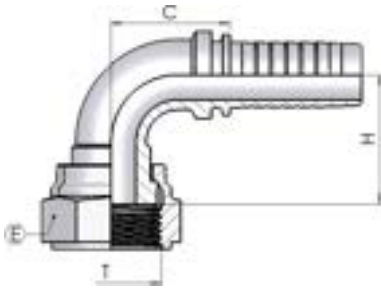
Product number	hose I.D.		I.D.	Dimension		
	in	mm		dash size	T	E
S050-04-06	1/4	6.4	04	9/16-18	19	25
S050-04-09	1/4	6.4	04	11/16-16	22	29
S050-05-09	5/16	7.9	05	11/16-16	22	29
S050-06-09	3/8	9.5	06	11/16-16	22	29
S050-06-11	3/8	9.5	06	13/16-16	24	30
S050-08-11	1/2	12.7	08	13/16-16	24	32
S050-08-13	1/2	12.7	08	1-14	30	35
S050-08-14	1/2	12.7	08	1.3/16-12	36	37
S050-10-13	5/8	15.9	10	1-14	30	35
S050-10-14	5/8	15.9	10	1.3/16-12	36	34
S050-12-13	3/4	19	12	1-14	30	37
S050-12-14	3/4	19	12	1.3/16-12	36	35
S050-12-15	3/4	19	12	1.7/16-12	41	41
S050-16-15	1	25.4	16	1.7/16-12	41	39
S050-20-21	1.1/4	31.8	20	1.11/16-12	50	40
S050-24-32	1.1/2	38.1	24	2-12	60	41



**S05T****ORFS Female Back Hexagon****(ORFS)**

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

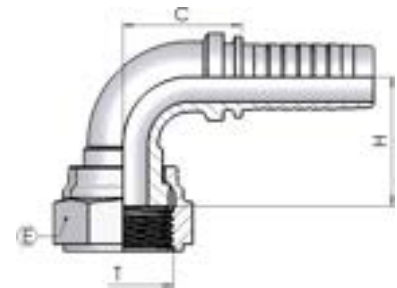
# S150



## ORFS 90° Swept Elbow

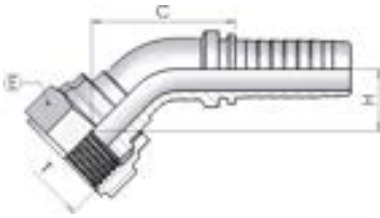
**(ORFS-90°)**

Product number	hose I.D.		Dimension				I.D.
	in	dash size	mm	T	E	H	Cut-off C
S150-04-06	1/4	04	6.4	9/16-18	19	26	25
S150-04-09	1/4	04	6.4	11/16-16	22	23	25
S150-05-09	5/16	05	7.9	11/16-16	22	32	29
S150-06-09	3/8	06	9.5	11/16-16	22	33	33
S150-06-11	3/8	06	9.5	13/16-16	24	32	33
S150-08-11	1/2	08	12.7	13/16-16	24	36	43
S150-08-13	1/2	08	12.7	1-14	30	40	39
S150-08-14	1/2	08	12.7	1.3/16-12	36	39	42
S150-10-13	5/8	10	15.9	1-14	30	42	44
S150-10-14	5/8	10	15.9	1.3/16-12	36	39	42
S150-12-13	3/4	12	19	1-14	30	39	42
S150-12-14	3/4	12	19	1.3/16-12	36	49	57
S150-12-15	3/4	12	19	1.7/16-12	41	51	56
S150-16-15	1	16	25.4	1.7/16-12	41	62	67
S150-16-21	1	20	25.4	1.11/16-12	50	58	62
S150-20-21	1.1/4	20	31.8	1.11/16-12	50	58	63
S150-24-32	1.1/2	24	38.1	2-12	60	73	80

**S15S****ORFS 90° Swept Elbow - ISO SHORT****(ORFS-90°)**

Product number	hose I.D.		Dimension				I.D.
	in	dash size	mm	T	E	H	Cut-off C
S15S-04-06	1/4	04	6.4	9/16-18	19	21	25
S15S-06-09	3/8	06	9.5	11/16-16	22	23	33
S15S-08-11	1/2	08	12.7	13/16-16	24	29	43
S15S-08-13	1/2	08	12.7	1-14	30	32	39
S15S-10-13	5/8	10	15.9	1-14	30	32	47
S15S-12-14	3/4	12	19	1.3/16-12	36	48	57
S15S-16-15	1	16	25.4	1.7/16-12	41	56	67

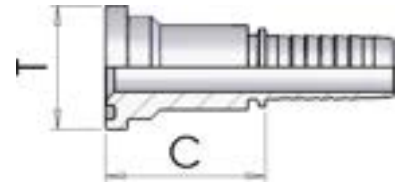
## S250



### ORFS 45° Swept Elbow

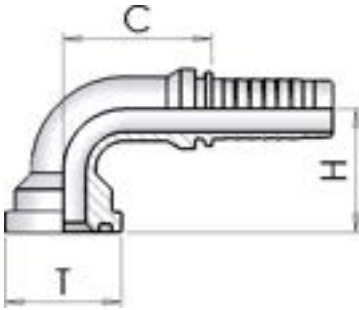
### (ORFS-45°)

Product number	hose I.D.		Dimension				
	in	mm	dash size	T	E	H	Cut-off C
S250-04-06	1/4	6.4	04	9/16-18	19	14	40
S250-04-09	1/4	6.4	04	11/16-16	22	14	38
S250-05-09	5/16	7.9	05	11/16-16	22	14	44
S250-06-09	3/8	9.5	06	11/16-16	22	17	52
S250-06-11	3/8	9.5	06	13/16-16	24	18	51
S250-08-11	1/2	12.7	08	13/16-16	24	20	62
S250-08-13	1/2	12.7	08	1-14	30	23	64
S250-08-14	1/2	12.7	08	1.3/16-12	36	17	44
S250-10-13	5/8	15.9	10	1-14	30	22	67
S250-10-14	5/8	15.9	10	1.3/16-12	36	18	44
S250-12-13	3/4	19	12	1-14	30	15	40
S250-12-14	3/4	19	12	1.3/16-12	36	23	84
S250-12-15	3/4	19	12	1.7/16-12	41	26	84
S250-16-15	1	25.4	16	1.7/16-12	41	27	101
S250-20-21	1.1/4	31.8	20	1.11/16-12	50	44	125
S250-24-32	1.1/2	38.1	24	2-12	60	29	78

**1260****Straight SAE Flange 3000 PSI****(SFL)**

Product number	hose I.D.		Dimension			
	in	mm	dash size	T Flange	mm	Cut-off C
1260-08-08	1/2	12.7	08	1/2	30,2	45
1260-08-12	1/2	12.7	08	3/4	38.1	50
1260-10-08	5/8	15.9	10	1/2	30,2	45
1260-10-10	5/8	15.9	10	5/8	34	56
1260-10-12	5/8	15.9	10	3/4	38.1	49
1260-12-12	3/4	19	12	3/4	38.1	50
1260-12-16	3/4	19	12	1	44.5	53
1260-16-16	1	25.4	16	1	44.5	54
1260-16-20	1	25.4	16	1.1/4	50.8	57
1260-20-20	1.1/4	31.8	20	1.1/4	50.8	59
1260-20-24	1.1/4	31.8	20	1.1/2	60.3	62
1260-24-24	1.1/2	38.1	24	1.1/2	60.3	62
1260-24-32	1.1/2	38.1	24	2	71.4	67
1260-32-32	2	50.8	32	2	71.4	68
1260-32-40	2	50.8	32	2.1/2	84.1	76
1260-40-40	2.1/2	63,5	40	2.1/2	84	76
1260-48-48	3	76,2	48	3	102	63

# 1060



## 90° SAE Flange 3000 PSI

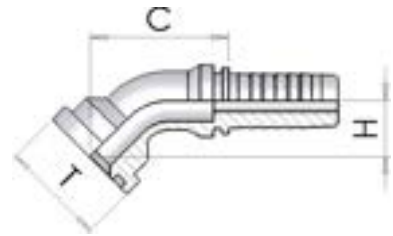
(SFL 90°)

Product number	hose I.D.		Dimension				
	in	dash size	mm	T Flange	mm	drop H	Cut-off C
1060-08-08	1/2	08	12.7	1/2	30,2	39	39
1060-08-12	1/2	08	12.7	3/4	38.1	44	42
1060-10-08	5/8	10	15.9	1/2	30,2	42	45
1060-10-12	5/8	10	15.9	3/4	38.1	47	45
1060-12-12	3/4	12	19	3/4	38.1	53	56
1060-12-16	3/4	12	19	1	44.5	58	56
1060-16-16	1	16	25.4	1	44.5	65	70
1060-16-20	1	16	25.4	1.1/4	50.8	70	67
1060-16-24	1	16	25.4	1.1/2	60.3	71	72
1060-20-16	1.1/4	20	31.8	1	44.5	73	83
1060-20-20	1.1/4	20	31.8	1.1/4	50.8	79	85
1060-20-24	1.1/4	20	31.8	1.1/2	60.3	81	85
1060-24-24	1.1/2	24	38.1	1.1/2	60.3	89	98
1060-24-32	1.1/2	24	38.1	2	71.4	90	102
1060-32-32	2	32	50.8	2	71.4	113	134

# 1160

## 45° SAE Flange 3000 PSI

(SFL 45°)

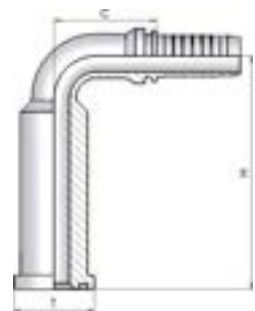


Product number	hose I.D.		Dimension				
	in	mm	dash size	T Flange	mm	H	Cut-off C
1160-08-08	1/2	12.7	08	1/2	30.2	22	62
1160-08-12	1/2	12.7	08	3/4	38.1	25	67
1160-12-12	3/4	19	12	3/4	38.1	25	69
1160-12-16	3/4	19	12	1	44.5	30	88
1160-16-16	1	25.4	16	1	44.5	29	82
1160-20-20	1.1/4	31.8	20	1.1/4	50.8	38	102
1160-20-24	1.1/4	31.8	20	1.1/2	60.3	39	106
1160-24-24	1.1/2	38.1	24	1.1/2	60.3	44	114
1160-24-32	1.1/2	38.1	24	2	71.4	40	115
1160-32-32	2	50.8	32	2	71.4	58	135

# FS3L

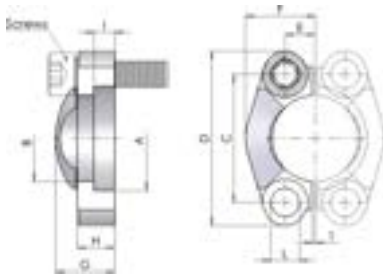
## 90° SAE Flange 3000 Psi - Long Drop

(SFL 90° L)



Product number	hose I.D.		Dimension				
	in	dash size	mm	T Flange	mm	drop H	Cut-off C
FS3L-12-12	3/4	12	19	3/8	38.1	123	56
FS3L-16-16	1	16	25.4	1	44.5	127	70
FS3L-20-20	1.1/4	20	31.8	1.1/4	50.8	178	85

# S003

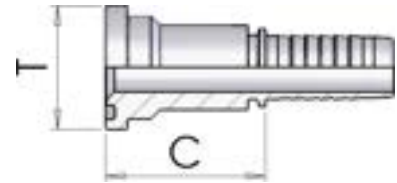


## Cut Split Flanges - 3000 psi

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

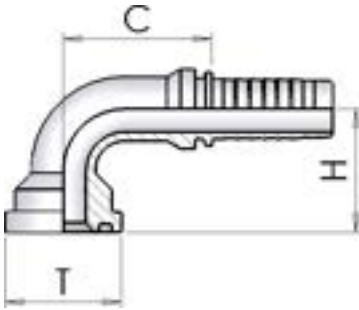
This product is sold in pairs



**1310****Straight SAE Flange 6000 PSI****(SFS)**

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

# 1110



## 90° SAE Flange 6000 PSI

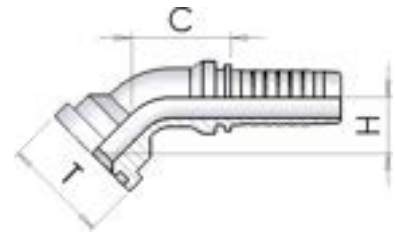
(SFS 90°)

Product number	hose I.D.		Dimension				
	in	mm	dash size	T Flange	mm	drop H	Cut-off C
1110-08-08	1/2	12.7	08	1/2	31.8	39	39
1110-08-12	1/2	12.7	08	3/4	41.3	48	39
1110-10-08	5/8	15.9	10	1/2	31.8	42	45
1110-10-12	5/8	15.9	10	3/4	41.3	52	44
1110-12-12	3/4	19	12	3/4	41.3	55	56
1110-12-16	3/4	19	12	1	47.6	63	56
1110-16-12	1	25.4	16	3/4	41.3	64	68
1110-16-16	1	25.4	16	1	47.6	69	70
1110-16-20	1	25.4	16	1.1/4	54	74	71
1110-20-20	1.1/4	31.8	20	1.1/4	54	83	97
1110-20-24	1.1/4	31.8	20	1.1/2	63.5	93	97
1110-24-24	1.1/2	38.1	24	1.1/2	63.5	103	100
1110-32-32	2	50.8	32	2	79.4	136	125

## 1210

### 45° SAE Flange 6000 PSI

(SFS 45°)

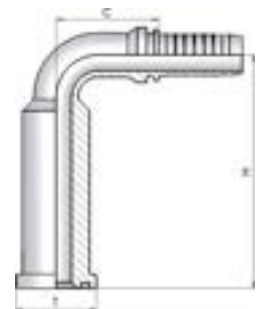


Product number	hose I.D.		Dimension				
	in	mm	dash size	T Flange	mm	drop H	Cut-off C
1210-08-08	1/2	12.7	08	1/2	31.8	22	62
1210-08-12	1/2	12.7	08	3/4	41.3	28	69
1210-10-08	5/8	15.9	10	1/2	31.8	21	66
1210-10-12	5/8	15.9	10	3/4	41.3	27	75
1210-12-12	3/4	19	12	3/4	41.3	28	74
1210-12-16	3/4	19	12	1	47.6	32	90
1210-16-12	1	25.4	16	3/4	41.3	29	94
1210-16-16	1	25.4	16	1	47.6	34	86
1210-16-20	1	25.4	16	1.1/4	54	37	90
1210-20-20	1.1/4	31.8	20	1.1/4	54	41	111
1210-20-24	1.1/4	31.8	20	1.1/2	63.5	48	118
1210-24-24	1.1/2	38.1	24	1.1/2	63.5	50	122
1210-32-32	2	50.8	32	2	79.4	58	151

## FS6L

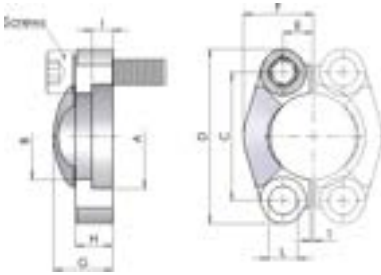
### 90° SAE Flange 6000 Psi - Long Drop

(SFS 90° L)



Product number	hose I.D.		Dimension				
	in	mm	dash size	T Flange	mm	drop H	Cut-off C
FS6L-08-08	1/2	12.7	08	1/2	32	75	40
FS6L-12-12	3/4	19	12	3/4	41.3	126	56
FS6L-16-16	1	25.4	16	1	47.6	132	70
FS6L-20-20	1.1/4	31.8	20	1.1/4	54	185	82

## S006

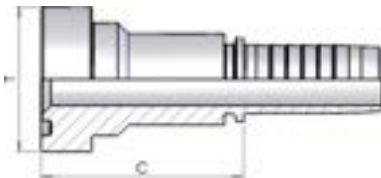


### Cut Split Flanges - 6000 psi

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

This product is sold in pairs

## 130S



### Straight 'CAT' Flange

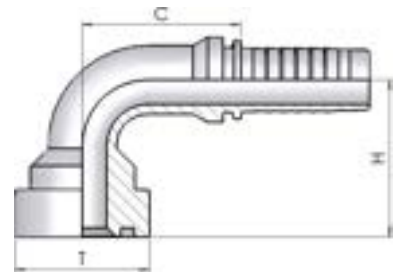
(SFC)

Product number	hose I.D.	I.D.	Dimension			
	in	mm	dash size	T Flange	mm	Cut-off C
130S-12-12	3/4	19	12	3/4	41.3	58
130S-12-16	3/4	19	12	1	47.6	64
130S-16-16	1	25.4	16	1	47.6	65
130S-16-20	1	25.4	16	1 1/4	54	73
130S-20-20	1 1/4	31.8	20	1 1/4	54	74
130S-24-24	1 1/2	38.1	24	1 1/2	63.5	80

## 110S

### 90° 'CAT' Flange

(SFC 90°)

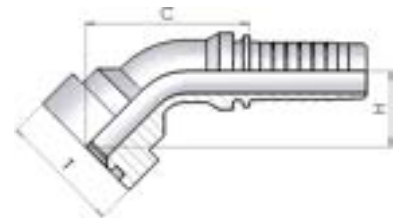


Product number	hose I.D.		Dimension				
	in	mm	dash size	T Flange	mm	H	Cut-off C
110S-12-12	3/4	19	12	3/4	41.3	62	56
110S-12-16	3/4	19	12	1	47.6	65	56
110S-16-16	1	25.4	16	1	47.6	74	78
110S-16-20	1	25.4	16	1.1/4	54	80	78
110S-20-20	1.1/4	31.8	20	1.1/4	54	90	97
110S-20-24	1.1/4	31.8	20	1.1/2	63.5	95	96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

## 120S

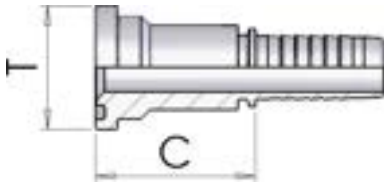
### 45° 'CAT' Flange

(SFC 45°)



Product number	hose I.D.		Dimension				
	in	mm	dash size	T Flange	mm	H	Cut-off C
120S-12-12	3/4	19	12	3/4	41.3	32	88
120S-12-16	3/4	19	12	1	47.6	37	93
120S-16-16	1	25.4	16	1	47.6	37	90
120S-16-20	1	25.4	16	1.1/4	54	44	122
120S-20-20	1.1/4	31.8	20	1.1/4	54	43	114
120S-20-24	1.1/4	31.8	20	1.1/2	63.5	48	119
120S-24-24	1.1/2	38.1	24	1.1/2	63.5	52	172

## 1250

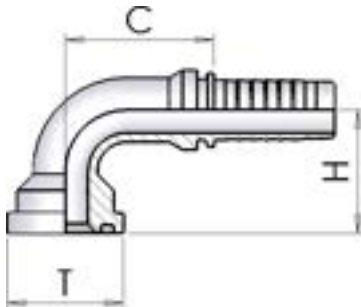


### Komatsu Flange - Straight

(JIS-KF)

Product number	hose I.D.		Dimension			
	in	mm	dash size	T Flange	mm	Cut-off C
1250-10-10	5/8	15.9	10	5/8	34	56

## 1050

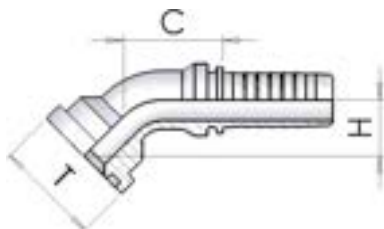


### Komatsu Flange 90°

(JIS-KF)

Product number	hose I.D.		Dimension				
	in	dash size	mm	T Flange	mm	drop H	Cut-off C
1050-10-10	5/8	10	15.9	5/8	34	47	58

## 1150

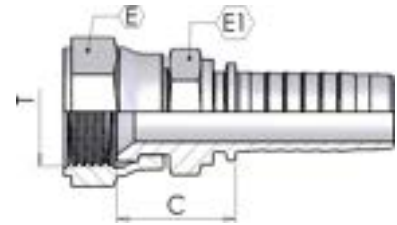


### Komatsu Flange 45°

(JIS-KF)

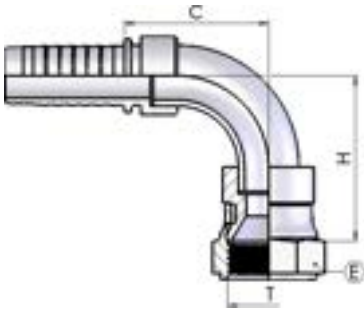
Product number	hose I.D.		Dimension				
	in	dash size	mm	T Flange	mm	drop H	Cut-off C
1150-10-10	5/8	10	15.9	5/8	34	54	23

0940

**JIS Female 60° Cone (Komatsu)****(JIS-K)**

Product number	hose I.D.		Dimension				
	in	mm	dash size	T	E	E1	Cut-off C
0940-04-14	1/4	6.4	04	M14x1,5	19	17	22
0940-05-16	5/16	7.9	05	M16x1,5	22	17	22
0940-06-14	3/8	9.5	06	M14x1,5	19	17	22
0940-06-16	3/8	9.5	06	M16x1,5	22	19	22
0940-06-18	3/8	9.5	06	M18x1,5	24	19	21
0940-08-22	1/2	12.7	08	M22x1,5	27	22	27
0940-08-24	1/2	12.7	08	M24x1,5	30	27	25
0940-10-24	5/8	15.9	10	M24x1,5	30	27	26
0940-12-30	3/4	19	12	M30x1,5	36	30	30
0940-16-33	1	25.4	16	M33x1,5	41	36	33
0940-20-36	1.1/4	31.8	20	M36x1,5	46	46	37
0940-24-42	1.1/2	38.1	24	M42x1,5	50	50	38

## 0990S

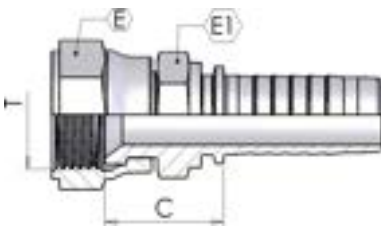


### 90° JIS Swept Elbow (Komatsu) - welded

(JIS-K 90°)

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

## 0930

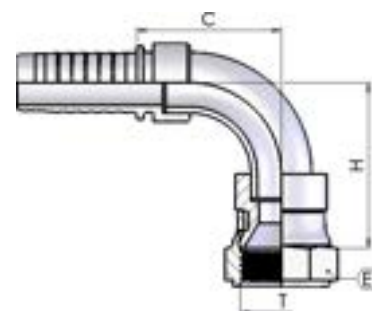


### JIS Female 60° cone (Toyota)

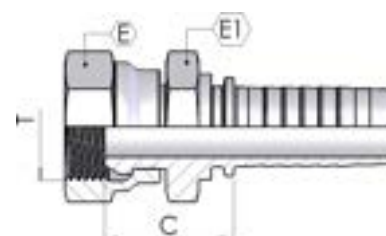
(JIS-T)

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



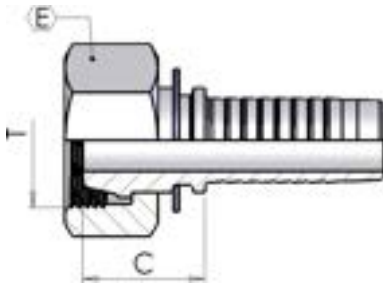
**0980S****90° JIS Swept Elbow (Toyota) -  
welded****(JIS-T 90°)**

Product number	hose I.D.		dash size	Dimension				Cut-off C
	in	mm		T	E	H		
0980S04-04	1/4	6.4	04	1/4-19	19	35	38	
0980S06-06	3/8	9.5	06	3/8-19	22	30	27	
0980S08-08	1/2	12.7	08	1/2-14	27	39	33	
0980S12-12	3/4	19	12	3/4-14	32	55	48	
0980S16-16	1	25.4	16	1-11	38	62	57	

**0920****JIS Female 60° cone (Nissan)****(JIS-N)**

Product number	hose I.D.		dash size	Dimension				Cut-off C
	in	mm		T	E	E1		
0920-04-04	1/4	6.4	04	1/4-19	19	19	23	
0920-06-06	3/8	9.5	06	3/8-19	22	22	28	
0920-08-08	1/2	12.7	08	1/2-14	27	27	27	

## 0030

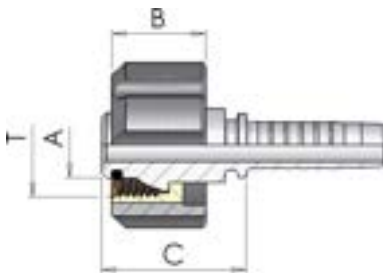


### Metric Female 24° Cone French Type

(DKF)

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

## FK50

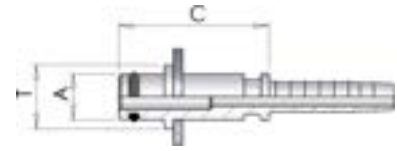


K' Female

Product number	hose I.D.		Dimension				I.D. Cut-off C
	in	dash size	mm	T	A	B	
FK50-04-22	1/4	04	6.4	M22-1.5	14	20	31
FK50-05-22	5/16	05	7.9	M22-1.5	14	20	31
FK50-06-22	3/8	06	9.5	M22-1.5	14	20	31
FK50-04022	1/4	04	6.4	M22-1.5	14	27	31
FK50-05022	5/16	05	7.9	M22-1.5	14	27	31
FK50-06022	3/8	06	9.5	M22-1.5	14	27	31

## FN50

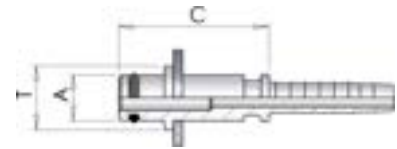
### 'K' Male ( for gun) - Diameter 10



Product number	hose I.D.		Dimension		
	in	mm	dash size	A	C
FN50-04-22	1/4	6.4	04	10	33
FN50-05-22	5/16	7.9	05	10	33
FN50-06-22	3/8	9.5	06	10	33

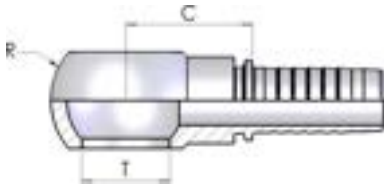
## FN51

### 'K' Male ( for gun) - Diameter 11



Product number	hose I.D.		Dimension		
	in	mm	dash size	A	C
FN51-04-22	1/4	6.4	04	11	33
FN51-05-22	5/16	7.9	05	11	33

# 1400

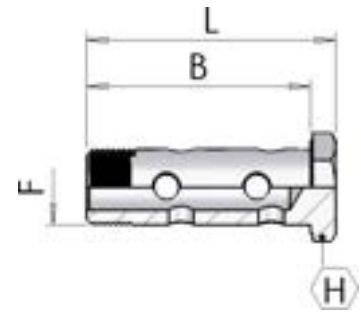


## BSP Banjo

Product number	hose I.D.		Dimension				
	in	mm	dash size	hole T	mm	R	Cut-off C
1400-03-02	3/16	4.8	03	1/8-28	10.2	17	19
1400-03-04	3/16	4.8	03	1/4-19	13.3	24	26
1400-04-02	1/4	6.4	04	1/8-28	10.2	17	25
1400-04-04	1/4	6.4	04	1/4-19	13.3	24	26
1400-04-06	1/4	6.4	04	3/8-19	17	28	26
1400-05-04	5/16	7.9	05	1/4-19	13.3	24	26
1400-05-06	5/16	7.9	05	3/8-19	17	28	26
1400-06-04	3/8	9.5	06	1/4-19	13.3	24	26
1400-06-06	3/8	9.5	06	3/8-19	17	28	26
1400-06-08	3/8	9.5	06	1/2-14	21.2	36	31
1400-08-06	1/2	12.7	08	3/8-19	17	28	27
1400-08-08	1/2	12.7	08	1/2-14	21.2	36	31
1400-08-12	1/2	12.7	08	3/4-14	26.5	45	38
1400-10-12	5/8	15.9	10	3/4-14	26.5	45	38
1400-12-12	3/4	19	12	3/4-14	26.5	45	38
1400-12-16	3/4	19	12	1-11	33.5	58	49
1400-16-16	1	25.4	16	1-11	33.5	58	50

## 1600

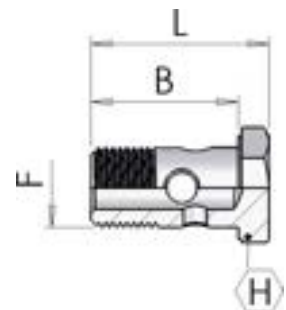
### Double BSP Perforded Bolt



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

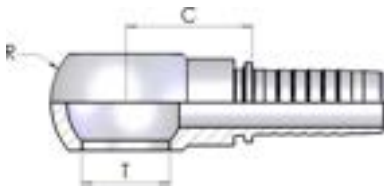
## 1600-00

### BSP Perforded Bolt



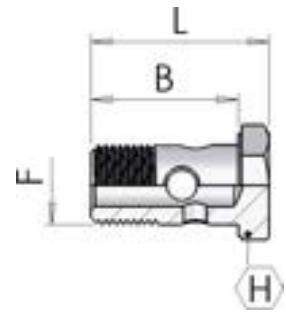
Product number	Dimension			
	F	B	L	H
1600-00-02	1/8-28	19	24	14
1600-00-04	1/4-19	29	34	19
1600-00-06	3/8-19	33	41	22
1600-00-08	1/2-14	38	46	27
1600-00-12	3/4-14	47	56	32
1600-00-16	1-11	58	69	41

# 1350



## Metric Banjo

Product number	hose I.D.		Dimension				
	in	mm	dash size	hole T	mm	R	Cut-off C
1350-03-10	3/16	4.8	03	M10-1	10.2	17	25
1350-03-12	3/16	4.8	03	M12-1.5	12.2	20	22
1350-04-10	1/4	6.4	04	M10-1	10.2	17	25
1350-04-12	1/4	6.4	04	M12-1.5	12.2	20	22
1350-04-14	1/4	6.4	04	M14-1.5	14.2	24	26
1350-05-14	5/16	7.9	05	M14-1.5	14.2	24	26
1350-05-16	5/16	7.9	05	M16-1.5	16.2	28	26
1350-05-18	5/16	7.9	05	M18-1.5	18.2	32	29
1350-06-14	3/8	9.5	06	M14-1.5	14.2	24	26
1350-06-16	3/8	9.5	06	M16-1.5	16.2	28	26
1350-06-18	3/8	9.5	06	M18-1.5	18.2	32	29
1350-06-22	3/8	9.5	06	M22-1.5	22.2	36	31
1350-08-16	1/2	12.7	08	M16-1.5	16.2	28	27
1350-08-18	1/2	12.7	08	M18-1.5	18.2	32	29
1350-08-22	1/2	12.7	08	M22-1.5	22.2	36	31
1350-10-22	5/8	15.9	10	M22-1.5	22.2	36	31
1350-10-26	5/8	15.9	10	M26-1.5	26.5	45	38
1350-12-22	3/4	19	12	M22-1.5	22.2	36	32
1350-12-26	3/4	19	12	M26-1.5	26.2	46	38
1350-16-30	1	25.4	16	M30-2	30.2	54	45

**1650****Metric perforated bolt**

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

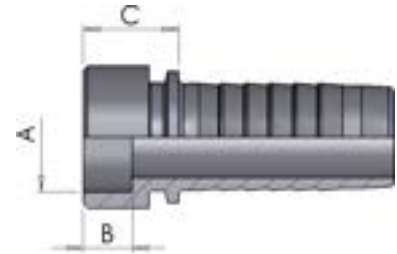
**D050****Hose Junction**

Product number	hose I.D.		I.D.		Dimension	
	in	mm	dash size	Cut-off C		
D050-03	3/16	4.8	03	17		
D050-04	1/4	6.4	04	22		
D050-05	5/16	7.9	05	22		
D050-06	3/8	9.5	06	22		
D050-08	1/2	12.7	08	23		
D050-10	5/8	15.9	10	18		
D050-12	3/4	19	12	19		
D050-16	1	25.4	16	21		
D050-20	1.1/4	31.8	20	24		
D050-24	1.1/2	38.1	24	24		
D050-32	2	50.8	32	26		



## GS00

## Weldable Fitting



Product number	I.D.		Dimension			
	hose I.D. in	I.D. mm	dash size	A	B	Cut-off C
GS00-03-08	3/16	4,8	03	08	6	12
GS00-04-06	1/4	6.4	04	06	6	14
GS00-04-08	1/4	6.4	04	08	6	14
GS00-04-10	1/4	6.4	04	10	6	15
GS00-04-12	1/4	6.4	04	12	7	17
GS00-05-08	5/16	7,9	05	08	6	14
GS00-05-10	5/16	7,9	05	10	6	14
GS00-05-12	5/16	7,9	05	12	6	14
GS00-06-06	3/8	9.5	06	06	6	15
GS00-06-08	3/8	9.5	06	08	6	15
GS00-06-10	3/8	9.5	06	10	6	14
GS00-06-12	3/8	9.5	06	12	7	15
GS00-06-15	3/8	9.5	06	15	7	14
GS00-08-12	1/2	12.7	08	12	7	15
GS00-08-14	1/2	12.7	08	14	8	15
GS00-08-15	1/2	12.7	08	15	7	15
GS00-08-16	1/2	12.7	08	16	7	15
GS00-08-20	1/2	12.7	08	20	9	18
GS00-10-16	5/8	15.9	10	16	8	16
GS00-10-18	5/8	15.9	10	18	8	16
GS00-10-20	5/8	15.9	10	20	9	18
GS00-12-16	3/4	19	12	16	8	16
GS00-12-18	3/4	19	12	18	8	16
GS00-12-20	3/4	19	12	20	9	18
GS00-12-22	3/4	19	12	22	9	18
GS00-12-25	3/4	19	12	25	9	19
GS00-16-25	1	25.4	16	25	9	19
GS00-16-30	1	25.4	16	30	9	20
GS00-20-35	1.1/4	31.8	20	35	11	23

without zinc plating

N Tail

in!



**0N14**



Swaged Ferrule 4WS (no skive)

**90**

**0N16**



Swaged Ferrule (no skive)

**90**

**0370N**



NPTF Male 60° cone

**91**

**0350N**



BSP Male Parallel 60° cone

**91**

**0050N 0051N**



BSP Female 60° Cone

**92**

**0150N 0151N**



BSP 90° Swept elbow 60° cone

**93**

**0250N 0251N**



BSP 45° Swept Elbow 60° Cone

**94**

**0500N**



Metric Male 24° Seat Light

**95**

**0085N**



Metric Female 24° Seat Light

**96**

**0185N**



90° Metric Swept Elbow 24° Seat Light

**96**

**0285N**



45° Metric Swept Elbow 24° Seat Light

**97**

**0450N**



Metric Male 24° Seat Heavy

**97**

**0084N**



Metric Female 24° Seat Heavy

**98**

**0184N**



90° Metric Swept Elbow 24° Seat Heavy

**98**

**0284N**



45° Metric Swept Elbow 24° Seat Heavy

**99**

**0850N**



JIC Male 74° cone

**100**

**0900N 0901N**



JIC Female 74° Cone-  
Double Hexagon

**101**

**0950N 0951N**



JIC 90° Swept Elbow 74°  
cone

**102**

**095SN**



JIC 90° Swept Elbow 74°  
cone - ISO SHORT

**102**

**1000N 1001N**



JIC 45° Swept Elbow 74°

**103**

**S350N**



ORFS Male

**104**

**S05TN**



ORFS Female Back  
Hexagon

**104**

**S150N**



ORFS 90° Swept Elbow

**105**

**S15SN**



ORFS 90° Swept Elbow -  
ISO SHORT

**105**

**S250N**



ORFS 45° Swept Elbow

**106**

**1250N**



Straight SAE Flange  
3000 PSI

**106**

**1050N**



90° SAE Flange 3000 PSI

**107**

**1150N**



45° SAE Flange 3000 PSI

**107**

**1300N**



Straight SAE Flange  
6000 PSI

**108**

**1100N**



90° SAE Flange 6000 PSI

**108**

**1200N**



45° SAE Flange 6000 PSI

**109**

**130SN**



Straight 'CAT' Flange

**109**

**110SN**



90° 'CAT' Flange

**110**

**120SN**



45° 'CAT' Flange

**111**

## ONI4



### Swaged Ferrule 4WS (no skive)

Product number	hose I.D.	I.D.	Dimension		skive	valid for
	in	mm	D	L	Length	-
ONI4-06	3/8	9.5	30.5	37	NO	SR-ISO
ONI4-08	1/2	12.7	33,5	37,5	NO	SR-ISO
ONI4-10	5/8	15.9	37.5	46	NO	SR-ISO
ONI4-12	3/4	19	44.5	50.5	NO	SR-ISO
ONI4-16	1	25.4	52.5	59.5	NO	SR-ISO
ONI4-20	1.1/4	31.8	60.5	70	NO	SR-ISO
ONI4-24	1.1/2	38.1	69.5	80	NO	SR-ISO

## ONI6



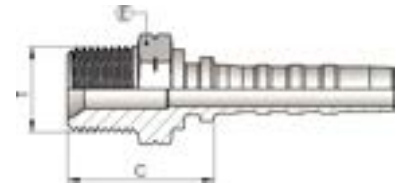
### Swaged Ferrule (no skive)

Product number	hose I.D.	I.D.	Dimension		skive	valid for
	in	mm	D	L	Length	-
ONI6-20	1.1/4	31.8	63.5	70	NO	SR-ISO
ONI6-24	1.1/2	38.1	72.5	80	NO	SR-ISO

## 0370N

### NPTF Male 60° cone

(AGN)

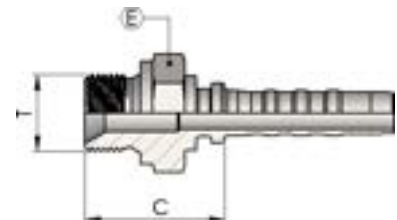


Product number	hose I.D.		Dimension			
	in	mm	dash size	Cut-off C	T	E
0370N06-06	3/8	9.5	06	30	3/8-18	19
0370N06-08	3/8	9.5	06	36	1/2-14	22
0370N08-08	1/2	12.7	08	36	1/2-14	22
0370N12-12	3/4	19	12	39	3/4-14	27
0370N16-16	1	25.4	16	46	1-11.1/2	36
0370N20-20	1.1/4	31.8	20	50	1.1/4-11.1/2	46
0370N24-24	1.1/2	38.1	24	54	1.1/2-11.1/2	50

## 0350N

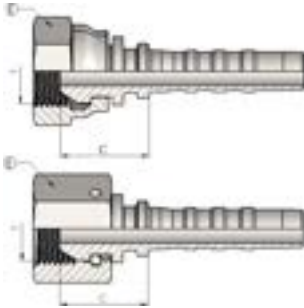
### BSP Male Parallel 60° cone

(AGR)



Product number	hose I.D.		Dimension				I.D.
	in	dash size	mm	T	E	Cut-off C	
0350N06-06	3/8	06	9.5	3/8-19	22	31	
0350N06-08	3/8	06	9.5	1/2-14	27	34	
0350N08-08	1/2	08	12.7	1/2-14	27	34	
0350N10-10	5/8	10	15.9	5/8-14	30	37	
0350N10-12	5/8	10	15.9	3/4-14	32	37	
0350N12-12	3/4	12	19	3/4-14	32	38	
0350N12-16	3/4	12	19	1-11	41	41	
0350N16-16	1	16	25.4	1-11	41	42	
0350N16-20	1	16	25.4	1.1/4-11	50	46	
0350N20-20	1.1/4	20	31.8	1.1/4-11	50	48	
0350N24-24	1.1/2	24	38.1	1.1/2-11	55	51	

## 0050N 0051N

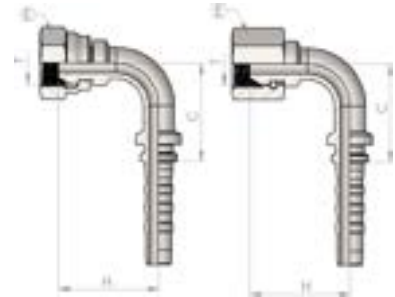


**BSP Female 60° Cone**

**(DKR)**

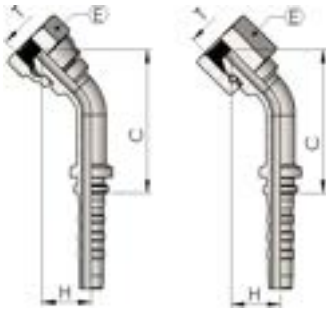
Product number	hose I.D.		Dimension			
	in	mm	dash size	Thread T	hex E	Cut-off C
0051N06-06	3/8	9.5	06	3/8-19	22	21
0051N06-08	3/8	9.5	06	1/2-14	23	24
0051N08-08	1/2	12.7	08	1/2-14	27	24
0051N10-10	5/8	15.9	10	5/8-14	30	22
0050N10-12	5/8	15.9	10	3/4-14	32	27
0050N12-12	3/4	19	12	3/4-14	32	27
0050N12-16	3/4	19	12	1-11	41	28
0050N16-16	1	25.4	16	1-11	41	30
0050N20-20	1.1/4	31.8	20	1.1/4-11	50	34
0050N20-24	1.1/4	31.8	20	1.1/2-11	55	36
0050N24-24	1.1/2	38.1	24	1.1/2-11	55	39



**0150N 0151N****BSP 90° Swept elbow 60° cone**

Product number	hose I.D.	I.D.	Dimension				
	in	mm	dash size	T	E	H	Cut-off C
0151N06-06	3/8	9.5	06	3/8-19	22	35	33
0151N06-08	3/8	9.5	06	1/2-14	27	40	31
0151N08-08	1/2	12.7	08	1/2-14	27	41	39
0151N10-10	5/8	15.9	10	5/8-14	30	43	44
0150N10-12	5/8	15.9	10	3/4-14	32	50	45
0150N12-12	3/4	19	12	3/4-14	32	57	58
0150N16-16	1	25.4	16	1-11	41	70	75
0150N16-20	1	25.4	16	1.1/4-11	50	76	77
0150N20-20	1.1/4	31.8	20	1.1/4-11	50	84	98
0150N24-24	1.1/2	38.1	24	1.1/2-11	55	104	110

## 0250N 0251N



### BSP 45° Swept Elbow 60° Cone

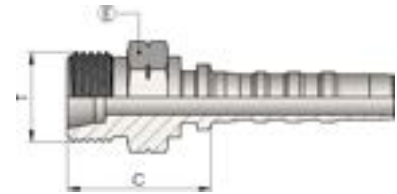
**(DKR-45°)**

Product number	hose I.D.		Dimension				
	in	mm	dash size	T	E	H	C
0251N06-06	3/8	9.5	06	3/8-19	22	19	54
0251N06-08	3/8	9.5	06	1/2-14	27	21	57
0251N08-08	1/2	12.7	08	1/2-14	27	24	66
0251N10-10	5/8	15.9	10	5/8-14	30	23	70
0250N10-12	5/8	15.9	10	3/4-14	32	27	74
0250N12-12	3/4	19	12	3/4-14	32	28	88
0250N16-16	1	25.4	16	1-11	41	38	116
0250N16-20	1	25.4	16	1.1/4-11	50	33	70
0250N20-20	1.1/4	31.8	20	1.1/4-11	50	41	103
0250N24-24	1.1/2	38.1	24	1.1/2-11	55	54	172

## 0500N

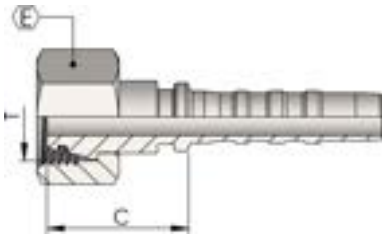
## Metric Male 24° Seat Light

(CEL)



Product number	hose I.D.		Dimension				I.D.
	in	dash size	mm	T	erm.	E	Cut-off C
0500N06-16	3/8	06	9.5	M16-1.5	10	17	23
0500N06-18	3/8	06	9.5	M18-1.5	12	19	24
0500N06-22	3/8	06	9.5	M22-1.5	15	22	25
0500N08-18	1/2	08	12.7	M18-1.5	12	19	25
0500N08-22	1/2	08	12.7	M22-1.5	15	22	26
0500N08-26	1/2	08	12.7	M26-1.5	18	27	27
0500N10-22	5/8	10	15.9	M22-1.5	15	22	26
0500N10-26	5/8	10	15.9	M26-1.5	18	27	27
0500N10-30	5/8	10	15.9	M30-2	22	30	32
0500N12-26	3/4	12	19	M26-1.5	18	27	28
0500N12-30	3/4	12	19	M30-2	22	30	33
0500N16-36	1	16	25.4	M36-2	28	36	32
0500N20-45	1.1/4	20	31.8	M45-2	35	46	36
0500N24-52	1.1/2	24	38.1	M52-2	42	55	38

## 0085N

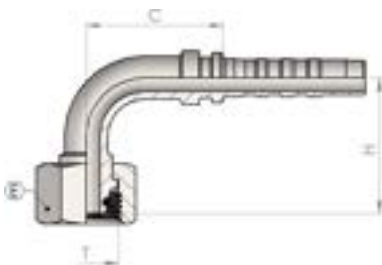


### Metric Female 24° Seat Light

(DKOL)

Product number	hose I.D.		Dimension					I.D.
	in	dash size	mm	T	erm.	E	Cut-off C	
0085N06-18	3/8	06	9.5	M18-1.5	12	22	27	
0085N08-22	1/2	08	12.7	M22-1.5	15	27	30	
0085N10-26	5/8	10	15.9	M26-1.5	18	32	31	
0085N12-30	3/4	12	19	M30-2	22	36	31	
0085N16-36	1	16	25.4	M36-2	28	41	32	
0085N20-45	1.1/4	20	31.8	M45-2	35	50	43	
0085N24-52	1.1/2	24	38.1	M52-2	42	60	46	

## 0185N



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

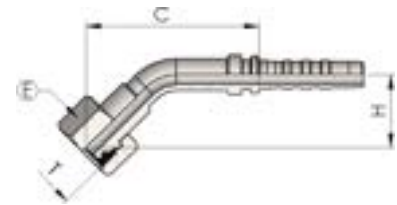
(DKOL-90°)

Product number	hose I.D.		Dimension					
	in	mm	dash size	T	erm.	E	H	Cut-off C
0185N06-18	3/8	9.5	06	M18-1.5	12	22	33	34
0185N08-22	1/2	12.7	08	M22-1.5	15	27	41	41
0185N10-26	5/8	15.9	10	M26-1.5	18	32	44	44
0185N12-30	3/4	19	12	M30-2	22	36	52	58
0185N16-36	1	25.4	16	M36-2	28	41	62	72
0185N20-45	1.1/4	31.8	20	M45-2	35	50	73	63
0185N24-52	1.1/2	38.1	24	M52-2	42	60	83	81

## 0285N

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

(DKOL-45°)

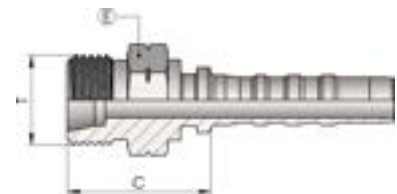


Product number	hose I.D.		Dimension					
	in	mm	dash size	T	erm.	E	H	Cut-off C
0285N06-18	3/8	9.5	06	M18-1.5	12	22	19	52
0285N08-22	1/2	12.7	08	M22-1.5	15	27	21	63
0285N10-26	5/8	15.9	10	M26-1.5	18	32	23	68
0285N16-36	1	25.4	16	M36-2	28	41	29	104
0285N20-45	1.1/4	31.8	20	M45-2	35	50	34	72
0285N24-52	1.1/2	38.1	24	M52-2	42	60	36	85

## 0450N

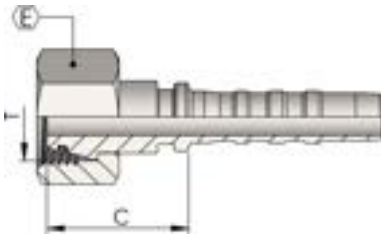
### Metric Male 24° Seat Heavy

(CES)



Product number	hose I.D.		Dimension				
	in	mm	dash size	T	erm.	E	Cut-off C
0450N06-20	3/8	9.5	06	M20-1.5	12	22	31
0450N08-24	1/2	12.7	08	M24-1.5	16	24	33
0450N10-30	5/8	15.9	10	M30-2	20	30	36
0450N12-30	3/4	19	12	M30-2	20	30	37
0450N12-36	3/4	19	12	M36-2	25	36	39
0450N16-42	1	25.4	16	M42-2	30	46	44
0450N20-52	1.1/4	31.8	20	M52-2	38	55	48
0450N24-52	1.1/2	38.1	24	M52-2	38	55	50

## 0084N

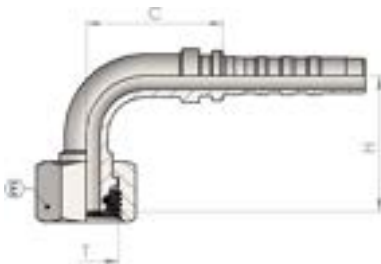


### Metric Female 24° Seat Heavy

(DKOS)

Product number	hose I.D.		Dimension				
	in	mm	dash size	T	erm.	E	Cut-off C
0084N06-20	3/8	9.5	06	M20-1.5	12	24	25
0084N08-24	1/2	12.7	08	M24-1.5	16	30	29
0084N10-30	5/8	15.9	10	M30-2	20	34	34
0084N12-30	3/4	19	12	M30-2	20	36	36
0084N12-36	3/4	19	12	M36-2	25	46	41
0084N16-36	1	25.4	16	M36-2	25	46	42
0084N16-42	1	25.4	16	M42-2	30	50	44
0084N20-52	1.1/4	31.8	20	M52-2	38	60	46
0084N24-52	1.1/2	38.1	24	M52-2	38	60	52

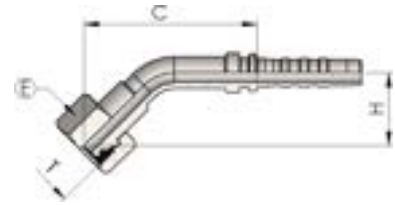
## 0184N



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

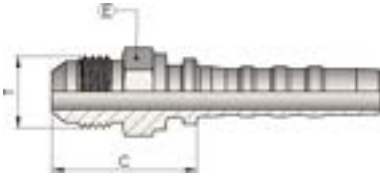
(DKOS-90°)

Product number	hose I.D.		Dimension					
	in	mm	dash size	T	erm.	E	H	Cut-off C
0184N06-20	3/8	9.5	06	M20-1.5	12	24	34	34
0184N08-24	1/2	12.7	08	M24-1.5	16	30	41	40
0184N10-30	5/8	15.9	10	M30-2	20	36	50	46
0184N12-30	3/4	19	12	M30-2	20	36	56	58
0184N12-36	3/4	19	12	M36-2	25	46	57	59
0184N16-36	1	25.4	16	M36-2	25	46	67	77
0184N16-42	1	25.4	16	M42-2	30	50	67	72
0184N20-52	1.1/4	31.8	20	M52-2	38	60	82	84
0184N24-52	1.1/2	38.1	24	M52-2	38	60	105	105

**0284N****45° Metric Swept Elbow 24° Seat  
Heavy****(DKOS-45°)**

Product number	hose I.D.		I.D.	Dimension				
	in	mm		dash size	T	erm.	E	H
0284N06-20	3/8	9.5	06	M20-1.5	12	24	18	53
0284N08-24	1/2	12.7	08	M24-1.5	16	30	21	63
0284N10-30	5/8	15.9	10	M30-2	20	36	29	74
0284N12-30	3/4	19	12	M30-2	20	36	30	87
0284N12-36	3/4	19	12	M36-2	25	46	29	56
0284N16-36	1	25.4	16	M36-2	25	46	34	105
0284N16-42	1	25.4	16	M42-2	30	50	30	85
0284N20-52	1.1/4	31.8	20	M52-2	38	60	39	105
0284N24-52	1.1/2	38.1	24	M52-2	38	60	53	129

# 0850N

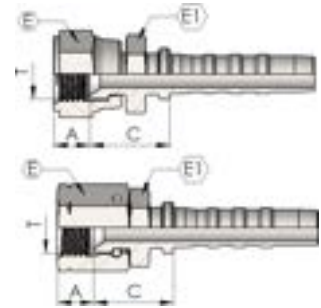


**JIC Male 74° cone**

**(AGJ)**

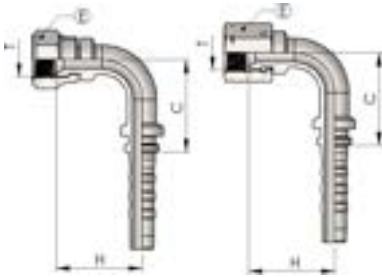
Product number	hose I.D.		I.D.	Dimension		
	in	mm		dash size	T	E
0850N06-06	3/8	9.5	06	9/16-18	15	29
0850N06-08	3/8	9.5	06	3/4-16	19	32
0850N08-08	1/2	12.7	08	3/4-16	19	32
0850N08-10	1/2	12.7	08	7/8-14	24	36
0850N08-12	1/2	12.7	08	1.1/16-12	27	38
0850N10-10	5/8	15.9	10	7/8-14	24	37
0850N12-12	3/4	19	12	1.1/16-12	27	40
0850N16-16	1	25.4	16	1.5/16-12	34	45
0850N20-20	1.1/4	31.8	20	1.5/8-12	42	50
0850N24-24	1.1/2	38.1	24	1.7/8-12	55	52



**0900N 0901N****JIC Female 74° Cone- Double  
Hexagon****(DKJ)**

Product number	hose I.D.		Dimension					
	in	mm	dash size	T	E	E1	C	A
0901N06-06	3/8	9.5	06	9/16-18	19	17	26	9
0901N06-08	3/8	9.5	06	3/4-16	24	19	28	10.5
0901N08-08	1/2	12.7	08	3/4-16	24	22	28	10.5
0901N08-10	1/2	12.7	08	7/8-14	27	22	28	13
0900N08-12	1/2	12.7	08	1.1/16-12	32	27	33	13.5
0901N10-10	5/8	15.9	10	7/8-14	27	22	28	13
0900N12-12	3/4	19	12	1.1/16-12	32	27	34	13.5
0900N16-16	1	25.4	16	1.5/16-12	38	36	35	15.5
0900N20-20	1.1/4	31.8	20	1.5/8-12	50	46	42	16.5
0900N24-24	1.1/2	38.1	24	1.7/8-12	55	50	46	19

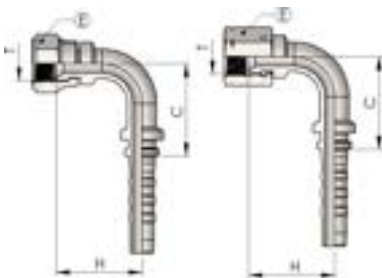
## 0950N 0951N



### JIC 90° Swept Elbow 74° cone

Product number	hose I.D.		Dimension				
	in	mm	dash size	T	E	H	C
0951N06-06	3/8	9.5	06	9/16-18	19	32	31
0951N06-08	3/8	9.5	06	3/4-16	24	34	35
0951N08-08	1/2	12.7	08	3/4-16	24	41	41
0951N08-10	1/2	12.7	08	7/8-14	27	40	41
0950N08-12	1/2	12.7	08	1.1/16-12	32	43	39
0950N10-10	5/8	15.9	10	7/8-14	27	45	42
0950N12-12	3/4	19	12	1.1/16-12	32	54	56
0950N16-16	1	25.4	16	1.5/16-12	41	65	70
0950N20-20	1.1/4	31.8	20	1.5/8-12	50	85	82
0950N24-24	1.1/2	38.1	24	1.7/8-12	55	97	104

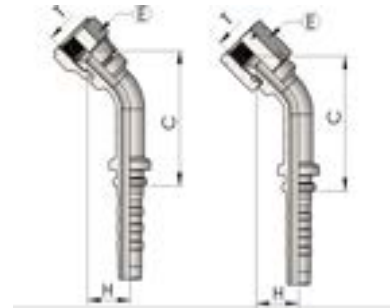
## 095SN



### JIC 90° Swept Elbow 74° cone - ISO SHORT

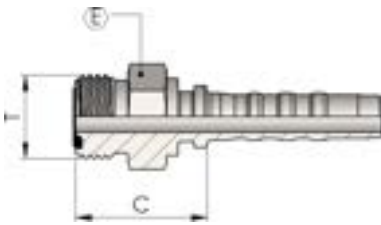
Product number	hose I.D.		Dimension				
	in	mm	dash size	T	E	H	C
095SN06-06	3/8	9.5	06	9/16-18	19	23	31
095SN08-08	1/2	12.7	08	3/4-16	24	29	41
095SN10-10	5/8	15.9	10	7/8-14	27	32	42
095SN12-12*	3/4	19	12	1.1/16-12	32	48	56

\*Thrust Wire Nut

**1000N 1001N****JIC 45° Swept Elbow 74°****(DKJ-45°)**

Product number	hose I.D.		Dimension				
	in	mm	dash size	T	E	H	C
1001N06-06	3/8	9.5	06	9/16-18	19	17	51
1001N06-08	3/8	9.5	06	3/4-16	24	19	51
1001N08-08	1/2	12.7	08	3/4-16	24	22	62
1001N08-10	1/2	12.7	08	7/8-14	27	23	64
1000N08-12	1/2	12.7	08	1.1/16-12	32	25	68
1001N10-10	5/8	15.9	10	7/8-14	27	24	68
1000N12-12	3/4	19	12	1.1/16-12	32	28	84
1000N16-16	1	25.4	16	1.5/16-12	41	32	83
1000N20-20	1.1/4	31.8	20	1.5/8-12	50	42	108
1000N24-24	1.1/2	38.1	24	1.7/8-12	55	49	156

## S350N



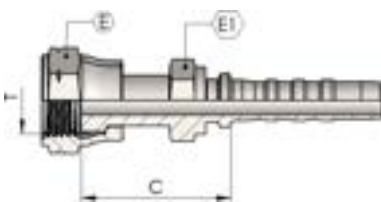
### ORFS Male

(ORFS)

Product number	hose I.D.		Dimension			
	in	mm	dash size	T	E	Cut-off C
S350N06-09	3/8	9.5	06	11/16-16	19	26
S350N06-11	3/8	9.5	6	13/16-16	22	29
S350N08-11	1/2	12.7	08	13/16-16	22	29
S350N10-13	5/8	15.9	10	1-14	27	33
S350N12-14	3/4	19	12	1.3/16-12	32	36
S350N16-15	1	25.4	16	1.7/16-12	38	37
S350N16-21	1	25.4	16	1.11/16-12	46	38
S350N20-21	1.1/4	31.8	20	1.11/16-12	46	39
S350N20-32	1.1/4	31.8	20	2-12	55	48.5
S350N24-32	1.1/2	38.1	24	2-12	55	52.5

- with plug and O-Ring

## S05TN



### ORFS Female Back Hexagon

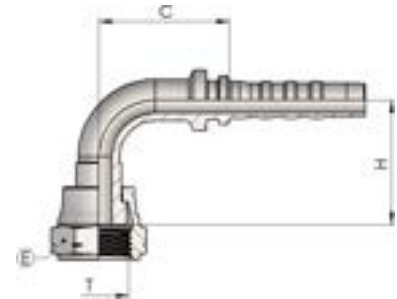
(ORFS)

Product number	hose I.D.		Dimension				I.D. Cut-off C
	in	dash size	mm	T	E	E1	
S05TN06-09	3/8	06	9.5	11/16-16	22	17	36
S05TN06-11	3/8	06	9.5	13/16-16	24	19	38
S05TN08-11	1/2	08	12.7	13/16-16	24	19	38
S05TN10-13	5/8	10	15.9	1-14	30	24	43
S05TN12-14	3/4	12	19	1.3/16-12	36	30	44
S05TN16-15	1	16	25.4	1.7/16-12	41	36	52
S05TN20-21	1.1/4	20	31.8	1.11/16-12	50	46	56
S05TN24-32	1.1/2	24	38.1	2-21	60	50	62

## S150N

### ORFS 90° Swept Elbow

(ORFS-90°)

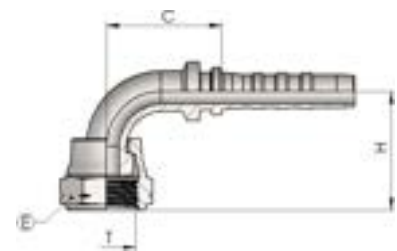


Product number	hose I.D.		Dimension				I.D.
	in	dash size	mm	T	E	H	Cut-off C
S150N06-09	3/8	06	9.5	11/16-16	22	33	33
S150N06-11	3/8	06	9.5	13/16-16	24	32	33
S150N08-11	1/2	08	12.7	13/16-16	24	36	43
S150N10-13	5/8	10	15.9	1-14	30	42	46
S150N12-14	3/4	12	19	1.3/16-12	36	49	57
S150N16-15	1	16	25.4	1.7/16-12	41	62	67
S150N16-21	1	20	25.4	1.11/16-12	50	58	62
S150N20-21	1.1/4	20	31.8	1.11/16-12	50	58	63
S150N20-32	1.1/4	20	31.8	2-12	60	73	63
S150N24-32	1.1/2	24	38.1	2-12	60	73	80

## S155N

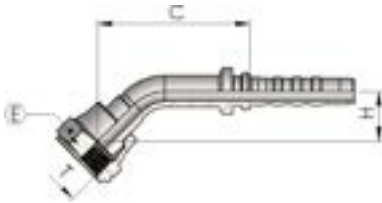
### ORFS 90° Swept Elbow - ISO SHORT

(ORFS-90°)



Product number	hose I.D.		Dimension				I.D.
	in	dash size	mm	T	E	H	Cut-off C
S155N04-06	1/4	04	6.4	9/16-18	19	21	25
S155N06-09	3/8	06	9.5	11/16-16	22	23	35
S155N08-11	1/2	08	12.7	13/16-16	24	29	44
S155N10-13	5/8	10	15.9	1-14	30	32	48
S155N12-14	3/4	12	19	1.3/16-12	36	48	58

## S250N

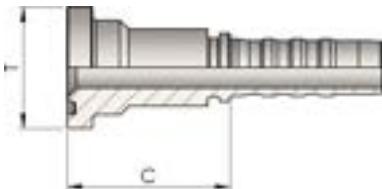


### ORFS 45° Swept Elbow

(ORFS-45°)

Product number	hose I.D.		Dimension				
	in	mm	dash size	T	E	H	Cut-off C
S250N06-09	3/8	9.5	06	11/16-16	22	17	52
S250N06-11	3/8	9.5	06	13/16-16	24	18	51
S250N08-11	1/2	12.7	08	13/16-16	24	20	62
S250N10-13	5/8	15.9	10	1-14	30	22	67
S250N12-14	3/4	19	12	1.3/16-12	36	23	84
S250N16-15	1	25.4	16	1.7/16-12	41	27	101
S250N20-21	1.1/4	31.8	20	1.11/16-12	50	44	125
S250N20-32	1.1/4	31.8	20	2-12	60	44	125
S250N24-32	1.1/2	38.1	24	2-12	60	44	127

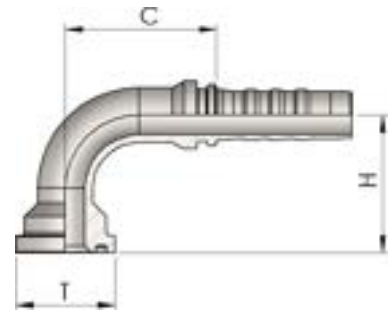
## 1250N



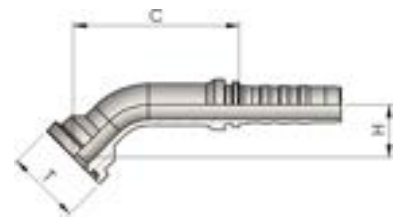
### Straight SAE Flange 3000 PSI

(SFL)

Product number	hose I.D.		Dimension			
	in	mm	dash size	T Flange	mm	Cut-off C
1250N08-08	1/2	12.7	08	1/2	30,2	48
1250N12-12	3/4	19	12	3/4	38.1	54
1250N12-16	3/4	19	12	1	44.5	55
1250N16-16	1	25.4	16	1	44.5	56
1250N16-20	1	25.4	16	1.1/4	50.8	59
1250N20-20	1.1/4	31.8	20	1.1/4	50.8	62
1250N20-24	1.1/4	31.8	20	1.1/2	60.3	65
1250N24-24	1.1/2	38.1	24	1.1/2	60.3	67
1250N24-32	1.1/2	38.1	24	2	71.4	72

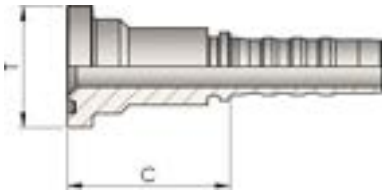
**1050N****90° SAE Flange 3000 PSI****(SFL 90°)**

Product number	hose I.D.		Dimension				
	in	dash size	mm	T Flange	mm	drop H	Cut-off C
1050N08-08	1/2	08	12.7	1/2	30.2	39	40
1050N12-12	3/4	12	19	3/4	38.1	53	58
1050N12-16	3/4	12	19	1	44.5	58	58
1050N16-16	1	16	25.4	1	44.5	65	72
1050N16-20	1	16	25.4	1.1/4	50.8	70	72
1050N20-20	1.1/4	20	31.8	1.1/4	50.8	82	96.5
1050N20-24	1.1/4	20	31.8	1.1/2	60.3	85	96
1050N24-24	1.1/2	24	38.1	1.1/2	60.3	94	117

**1150N****45° SAE Flange 3000 PSI****(SFL 45°)**

Product number	hose I.D.		Dimension				
	in	mm	dash size	T Flange	mm	drop H	Cut-off C
1150N12-12	3/4	19	12	3/4	38.1	25	81
1150N12-16	3/4	19	12	1	44.5	28	86
1150N16-16	1	25.4	16	1	44.5	32	79
1150N16-20	1	25.4	16	1.1/4	50.8	37	113
1150N20-20	1.1/4	31.8	20	1.1/4	50.8	39	103
1150N20-24	1.1/4	31.8	20	1.1/2	60.3	39	107
1150N24-24	1.1/2	38.1	24	1.1/2	60.3	44	159

## 1300N

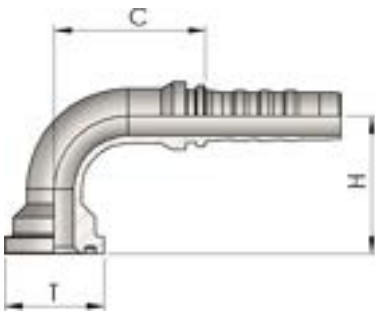


### Straight SAE Flange 6000 PSI

(SFS)

Product number	hose I.D.		Dimension			
	in	mm	dash size	T Flange	mm	Cut-off C
1300N08-08	1/2	12.7	08	1/2	31,8	47
1300N12-12	3/4	19	12	3/4	41.3	56
1300N12-16	3/4	19	12	1	47.6	62
1300N16-16	1	25.4	16	1	47.6	63
1300N16-20	1	25.4	16	1.1/4	54	71
1300N20-20	1.1/4	31.8	20	1.1/4	54	73
1300N20-24	1.1/4	31.8	20	1.1/2	63.5	79
1300N24-24	1.1/2	38.1	24	1.1/2	63.5	81
1300N24-32	1.1/2	38.1	24	2	79.4	90

## 1100N



### 90° SAE Flange 6000 PSI

(SFS 90°)

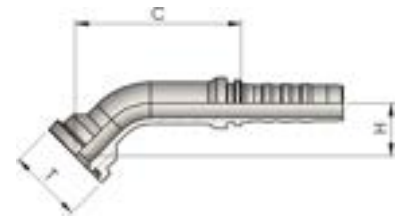
Product number	hose I.D.		Dimension				
	in	mm	dash size	T Flange	mm	drop H	Cut-off C
1100N08-08	1/2	12.7	08	1/2	31,8	39	42
1100N10-12	5/8	15.9	10	3/4	41.3	51	46
1100N12-12	3/4	19	12	3/4	41.3	57	58
1100N12-16	3/4	19	12	1	47.6	63	56
1100N16-16	1	25.4	16	1	47.6	69	72
1100N16-20	1	25.4	16	1.1/4	54	77	72
1100N20-20	1.1/4	31.8	20	1.1/4	54	84.5	100
1100N20-24	1.1/4	31.8	20	1.1/2	63.5	92	101
1100N24-24	1.1/2	38.1	24	1.1/2	63.5	101	121.5



## 1200N

### 45° SAE Flange 6000 PSI

(SFS 45°)

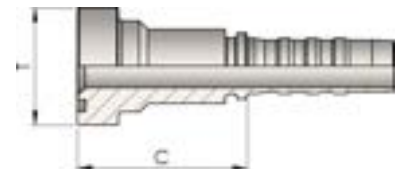


Product number	hose I.D.		Dimension				
	in	mm	dash size	T Flange	mm	drop H	Cut-off C
1200N08-08	1/2	12.7	08	1/2	31.8	22	62
1200N12-12	3/4	19	12	3/4	41.3	28	74
1200N12-16	3/4	19	12	1	47.6	32	90
1200N16-16	1	25.4	16	1	47.6	34	86
1200N16-20	1	25.4	16	1.1/4	54	39	90
1200N20-16	1.1/4	31.8	20	1	47.6	51	100
1200N20-20	1.1/4	31.8	20	1.1/4	54	41	111
1200N20-24	1.1/4	31.8	20	1.1/2	63.5	48	118
1200N24-20	1.1/2	38.1	24	1.1/4	54	40	154
1200N24-24	1.1/2	38.1	24	1.1/2	63.5	50	122
1200N24-32	1.1/2	38.1	24	2	79.4	59	128

## 130SN

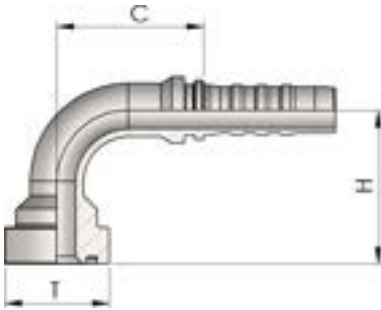
### Straight 'CAT' Flange

(SFC)



Product number	hose I.D.		I.D.	Dimension		
	in	mm		dash size	T Flange	mm
130SN12-12	3/4	19	12	3/4	41.3	60
130SN12-16	3/4	19	12	1	47.6	66
130SN16-16	1	25.4	16	1	47.6	67
130SN16-20	1	25.4	16	1.1/4	54	75
130SN20-20	1.1/4	31.8	20	1.1/4	54	77
130SN24-24	1.1/2	38.1	24	1.1/2	63.5	85

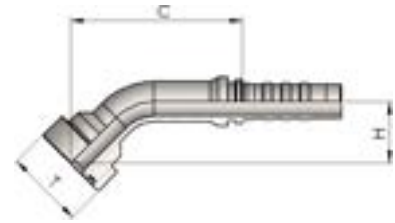
# 110SN



**90° 'CAT' Flange**

**(SFC 90°)**

Product number	hose I.D.		Dimension				
	in	mm	dash size	T Flange	mm	H	Cut-off C
110SN12-12	3/4	19	12	3/4	41.3	62	56
110SN12-16	3/4	19	12	1	47.6	65	56
110SN16-16	1	25.4	16	1	47.6	74	78
110SN16-20	1	25.4	16	1.1/4	54	80	78
110SN20-16	1.1/4	31.8	20	1	47.6	87	97
110SN20-20	1.1/4	31.8	20	1.1/4	54	90	97
110SN20-24	1.1/4	31.8	20	1.1/2	63.5	95	97
110SN24-20	1.1/2	38.1	24	1.1/4	54	101	115
110SN24-24	1.1/2	38.1	24	1.1/2	63.5	104	115
110SN24-32	1.1/2	38.1	24	2	79.4	114	115

**120SN****45° 'CAT' Flange****(SFC 45°)**

Product number	hose I.D.		Dimension				
	in	mm	dash size	T Flange	mm	H	Cut-off C
120SN12-12	3/4	19	12	3/4	41.3	32	88
120SN12-16	3/4	19	12	1	47.6	37	93
120SN16-16	1	25.4	16	1	47.6	37	90
120SN16-20	1	25.4	16	1.1/4	54	44	122
120SN20-16	1.1/4	31.8	20	1	47.6	40	111
120SN20-20	1.1/4	31.8	20	1.1/4	54	43	114
120SN20-24	1.1/4	31.8	20	1.1/2	63.5	48	119
120SN24-20	1.1/2	38.1	24	1.1/4	54	50	170
120SN24-24	1.1/2	38.1	24	1.1/2	63.5	52	172

# Interlock Tail





**004N**



Swaged Ferrule (skive)

**116**

**0013**



Swaged Ferrule (skive)

**116**

**00J4**



Swaged Ferrule (skive)

**117**

**00J6**



Swaged Ferrule (skive)

**117**



**0370H**



NPTF Male 60° cone

**117**



**0350H**



BSP Male Parallel 60° cone

**118**

**0050H**



BSP Female 60° cone Thrust Wire

**118**

**0150H**



BSP 90° Swept Elbow 60° cone Thrust Wire

**119**



**0850H**



JIC Male 74° cone

**119**



**0900H**



JIC Female 74° - Thrust Wire Nut

**120**

**1000H**



JIC 45° Swept Elbow 74° Cone - Thrust Wire

**120**



**0450H**



Metric Male 24° Seat Heavy

**121**

**0084H**



Metric Female 24° Seat Heavy

**121**



**0184H**



90° Metric Swept Elbow 24° Seat Heavy

**122**

**0284H**



45° Metric Swept Elbow 24° Seat Heavy

**122**



**S350H**



ORFS Male

**123**

**S05TH**



ORFS Female Back Hexagon

**123**

**S150H**



ORFS 90° Swept Elbow

**124**

**S250H**



ORFS 45° Swept Elbow

**124**



**1250H**



Straight SAE Flange 3000 PSI

**125**

**1050H**



90° SAE Flange 3000 PSI

**125**

**1150H**



45° SAE Flange 3000 PSI

**126**

**1300H**



Straight SAE Flange 6000 PSI

**127**

**1100H**



90° SAE Flange 6000 PSI

**128**

**1200H**



45° SAE Flange 6000 PSI

**129**



**130SH**



Straight 'CAT' Flange

**129**

**110SH**



90° 'CAT' Flange

**130**

**120SH**



45° 'CAT' Flange

**130**



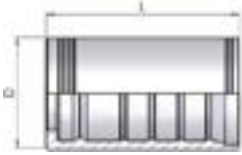
**D050H**



Hose Junction

**131**

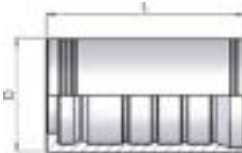
## 004N



### Swaged Ferrule (skive)

Product number	hose I.D.		Dimension		skive	valid for
	in	mm	D	L	Length	
004N-12	3/4	19	38	60	52/15	R13-4SH-R15 -(4SP)
004N-16	1	25.4	46	75	64/17	4SH-R13-R15-(4SP)
004N-20	1.1/4	31.8	55	88	74/22	4SH
004N-24	1.1/2	38.1	62	94	81/22,5	4SH
004N-32	2	50.8	78	99	85/30	4SH

## 0013



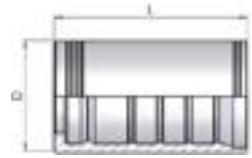
### Swaged Ferrule (skive)

Product number	hose I.D.		Dimension		skive	valid for
	in	D	mm	L	Length	
0013-10	5/8	35.5	15.9	57.5	47/15	R15
0013-16	1	48	25.4	75	64/17	R13-R15
0013-20	1.1/4	60	31.8	88	74/22	R13 -R15
0013-24	1.1/2	67	38.1	94	81/22,5	R13 -R15
0013-32	2	85	50.8	99	85/30	R13-R15



## 00J4

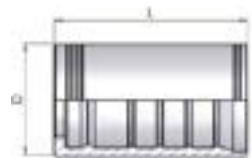
### Swaged Ferrule (skive)



Product number	hose I.D.		Dimension		skive	valid for
	in	mm	D	L	Length	-
00J4-16	1	25.4	49	72.5	62/17	HySpir 500

## 00J6

### Swaged Ferrule (skive)

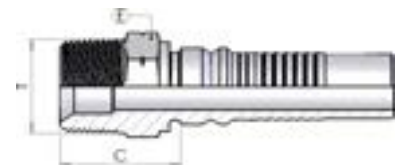


Product number	hose I.D.		Dimension		skive	valid for
	in	mm	D	L	Length	-
00J6-16	1	25.4	51	74.5	65/17	MegaJet

## 0370H

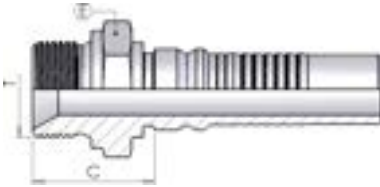
### NPTF Male 60° cone

(AGN)



Product number	hose I.D.		Dimension			
	in	mm	dash size	Thread T	hex E	Cut-off C
0370H12-12	3/4	19	12	3/4-14	27	35
0370H16-16	1	25.4	16	1-11.1/2	36	41
0370H20-20	1.1/4	31.8	20	1.1/4-11.1/2	46	44
0370H24-24	1.1/2	38.1	24	1.1/2-11.1/2	50	47
0370H32-32	2	50.8	32	2-11.1/2	65	54

## 0350H

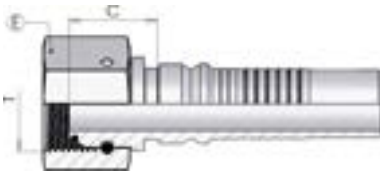


**BSP Male Parallel 60° cone**

**(AGR)**

Product number	hose I.D.		Dimension			
	in	mm	dash size	Thread T	hex E	Cut-off C
0350H12-12	3/4	19	12	3/4-14	32	33
0350H12-16	3/4	19	12	1-11	41	36
0350H16-16	1	25.4	16	1-11	41	37
0350H16-20	1	25.4	16	1.1/4-11	50	41
0350H20-20	1.1/4	31.8	20	1.1/4-11	50	42
0350H24-24	1.1/2	38.1	24	1.1/2-11	55	44
0350H32-32	2	50.8	32	2-11	70	53

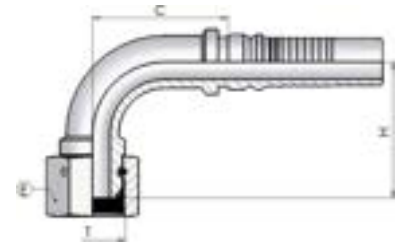
## 0050H



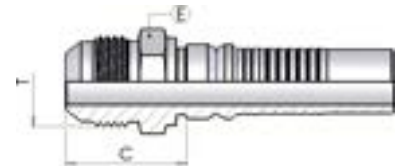
**BSP Female 60° cone Thrust Wire**

**(DKR)**

Product number	hose I.D.		Dimension			
	in	mm	dash size	Thread T	hex E	Cut-off C
0050H12-12	3/4	19	12	3/4-14	32	23
0050H12-16	3/4	19	12	1-11	41	25
0050H16-16	1	25.4	16	1-11	41	26
0050H20-20	1.1/4	31.8	20	1.1/4-11	50	29
0050H20-24	1.1/4	31.8	20	1.1/2-11	55	31
0050H24-24	1.1/2	38.1	24	1.1/2-11	55	31
0050H32-32	2	50.8	32	2-11	70	30

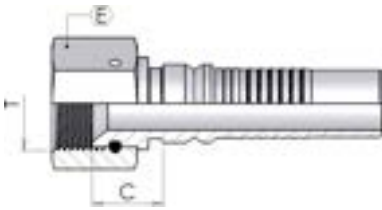
**0150H****BSP 90° Swept Elbow 60° cone  
Thrust Wire****(DKR 90°)**

Product number	hose I.D.		Dimension				
	in	dash size	mm	Thread T	hex E	drop H	Cut-off C
0150H12-12	3/4	12	19	3/4-14	32	60	51
0150H16-16	1	16	25.4	1-11	41	70	73
0150H16-20	1	16	25.4	1.1/4-11	50	76	73
0150H20-20	1.1/4	20	31.8	1.1/4-11	50	83	93
0150H24-24	1.1/2	24	38.1	1.1/2-11	55	104	111

**0850H****JIC Male 74° cone****(AGJ)**

Product number	hose I.D.		Dimension			
	in	mm	dash size	Thread T	hex E	Cut-off C
0850H12-12	3/4	19	12	1.1/16-12	27	36
0850H16-16	1	25.4	16	1.5/16-12	34	40
0850H20-20	1.1/4	31.8	20	1.5/8-12	42	44
0850H24-24	1.1/2	38.1	24	1.7/8-12	50	49

## 0900H

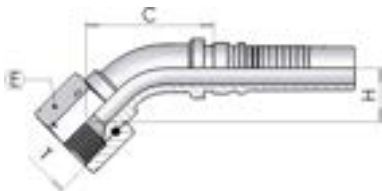


### JIC Female 74° - Thrust Wire Nut

**(DKJ)**

Product number	hose I.D.		Dimension			
	in	mm	dash size	Thread T	hex E	Cut-off C
0900H12-12	3/4	19	12	1.1/16-12	32	19
0900H12-16	3/4	19	12	1.5/16-12	41	22
0900H16-16	1	25.4	16	1.5/16-12	41	23
0900H20-20	1.1/4	31.8	20	1.5/8-12	50	26
0900H24-24	1.1/2	38.1	24	1.7/8-12	55	29
0900H32-32	2	50.8	32	2.1/2-12	70	30

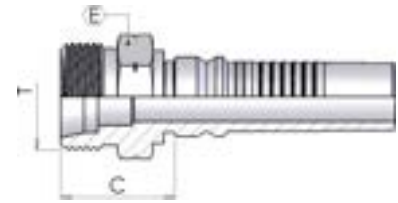
## 1000H



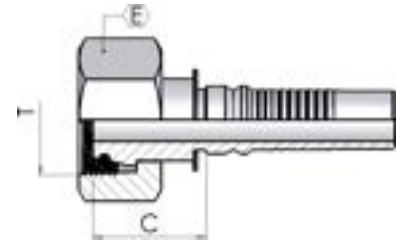
### JIC 45° Swept Elbow 74° Cone - Thrust Wire

**(DKJ 45°)**

Product number	hose I.D.		Dimension				
	in	dash size	mm	Thread T	hex E	drop H	Cut-off C
1000H12-12	3/4	12	19	1.1/16-12	32	28	85
1000H12-16	3/4	12	19	1.5/16-12	41	32	88
1000H16-16	1	16	25.4	1.5/16-12	41	33	83
1000H20-20	1.1/4	20	31.8	1.5/8-12	50	40	109
1000H24-24	1.1/2	24	38.1	1.7/8-12	55	49	165

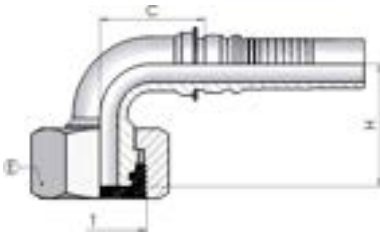
**0450H****Metric Male 24° Seat Heavy****(CES)**

Product number	hose I.D.		Dimension				
	in	mm	dash size	Thread T	erm.	hex E	Cut-off C
0450H12-36	3/4	19	12	M36-2	25	36	36
0450H16-42	1	25.4	16	M42-2	30	46	39
0450H20-52	1.1/4	31.8	20	M52-2	38	55	42
0450H24-52	1.1/2	38.1	24	M52-2	38	55	42.5

**0084H****Metric Female 24° Seat Heavy****(DKOS)**

Product number	hose I.D.		Dimension				
	in	mm	dash size	Thread T	erm.	hex E	Cut-off C
0084H12-36	3/4	19	12	M36-2	25	46	37
0084H16-36	1	25.4	16	M36-2	25	46	38
0084H16-42	1	25.4	16	M42-2	30	50	41
0084H20-42	1.1/4	31.8	20	M42-2	30	50	32
0084H20-52	1.1/4	31.8	20	M52-2	38	60	41
0084H24-52	1.1/2	38.1	24	M52-2	38	60	42

## 0184H

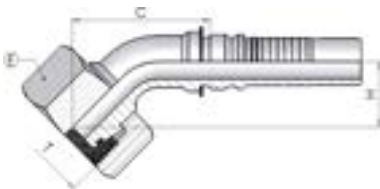


### 90° Metric Swept Elbow 24° Seat Heavy

(DKOS 90°)

Product number	hose I.D.		Dimension					
	in	dash size	mm	Thread T	erm.	hex E	drop H	Cut-off C
0184H12-36	3/4	12	19	M36-2	25	46	58	55
0184H16-36	1	16	25.4	M36-2	25	46	68	75
0184H16-42	1	16	25.4	M42-2	30	50	69	74
0184H20-52	1.1/4	20	31.8	M52-2	38	60	83	94

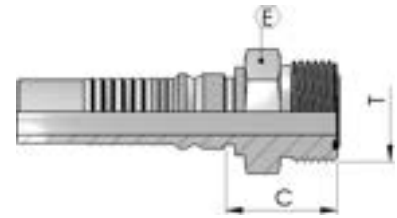
## 0284H



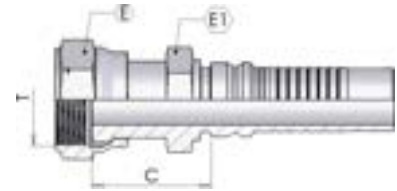
### 45° Metric Swept Elbow 24° Seat Heavy

(DKOS 45°)

Product number	hose I.D.		Dimension					
	in	dash size	mm	Thread T	erm.	hex E	drop H	Cut-off C
0284H12-36	3/4	12	19	M36-2	25	46	31	86
0284H16-36	1	16	25.4	M36-2	25	46	34	82
0284H16-42	1	16	25.4	M42-2	30	50	33	84
0284H20-52	1.1/4	20	31.8	M52-2	38	60	40	105

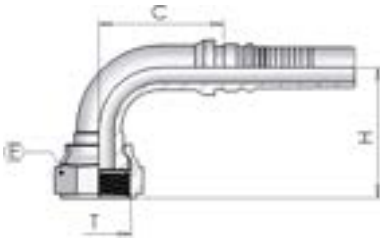
**S350H****ORFS Male****(ORFS)**

Product number	hose I.D.		Dimension			
	in	mm	dash size	Thread T	hex E	Cut-off C
S350H12-14-BO	3/4	19	12	1.3/16-12	32	34
S350H16-15-BO	1	25.4	16	1.7/16-12	38	35
S350H20-21-BO	1.1/4	31.8	20	1.11/16-12	46	36
S350H24-32-BO	1.1/2	38.1	24	2-12	55	38

**S05TH****ORFS Female Back Hexagon****(ORFS)**

Product number	hose I.D.		Dimension				
	in	mm	dash size	Thread T	hex E	E1	Cut-off C
S05TH12-14	3/4	19	12	1.3/16-12	36	30	39
S05TH16-15	1	25.4	16	1.7/16-12	41	36	47
S05TH20-21	1.1/4	31.8	20	1.11/16-12	50	46	50

## S150H

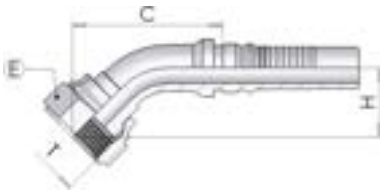


### ORFS 90° Swept Elbow

**(ORFS 90°)**

Product number	hose I.D.		Dimension				
	in	mm	dash size	Thread T	hex E	drop H	Cut-off C
S150H12-14	3/4	19	12	1.3/16-12	36	54	50
S150H16-15	1	25.4	16	1.7/16-12	41	66	69
S150H20-21	1.1/4	31.8	20	1.11/16-12	50	80	87

## S250H

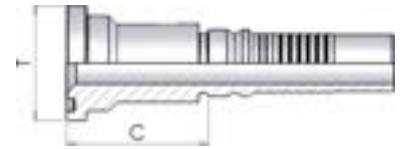


### ORFS 45° Swept Elbow

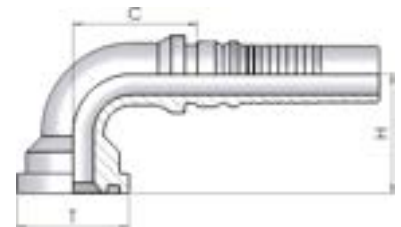
**(ORFS 45°)**

Product number	hose I.D.		Dimension				
	in	mm	dash size	Thread T	hex E	drop H	Cut-off C
S250H12-14	3/4	19	12	1.3/16-12	36	23	84
S250H16-15	1	25.4	16	1.7/16-12	41	28	77
S250H20-21	1.1/4	31.8	20	1.11/16-12	50	37	130



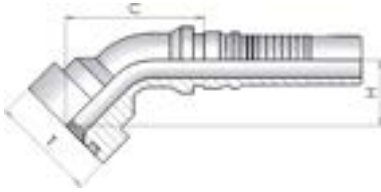
**1250H****Straight SAE Flange 3000 PSI****(SFL)**

Product number	hose I.D.		Dimension			
	in	mm	dash size	T Flange	mm	Cut-off C
1250H12-12	3/4	19	12	3/4	38.1	47
1250H12-16	3/4	19	12	1	44.5	50
1250H16-16	1	25.4	16	1	44.5	52
1250H20-20	1.1/4	31.8	20	1.1/4	50.8	56
1250H20-24	1.1/4	31.8	20	1.1/2	60.3	59
1250H24-24	1.1/2	38.1	24	1.1/2	60.3	60
1250H32-32	2	50.8	32	2	71.4	67

**1050H****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
1050H12-12	3/4	12	19	3/4	38.1	52	52
1050H12-16	3/4	12	19	1	44.5	56	55
1050H16-16	1	16	25.4	1	44.5	65	73
1050H20-20	1.1/4	20	31.8	1.1/4	50.8	82	91
1050H24-24	1.1/2	24	38.1	1.1/2	60.3	94	109
1050H32-32	2	32	50.8	2	71.4	113	128

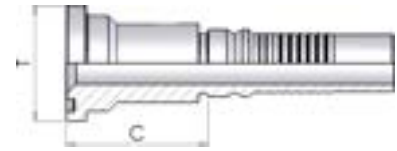
# 1150H



**45° SAE Flange 3000 PSI**

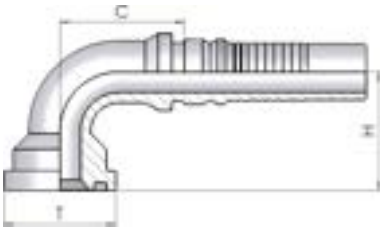
**(SFL 45°)**

Product number	hose I.D.		Dimension				
	in	mm	dash size	T Flange	mm	drop H	Cut-off C
1150H12-12	3/4	19	12	3/4	38.1	25	81
1150H12-16	3/4	19	12	1	44.5	28	86
1150H16-16	1	25.4	16	1	44.5	35	107
1150H16-20	1	25.4	16	1.1/4	50.8	37	113
1150H20-20	1.1/4	31.8	20	1.1/4	50.8	37	113
1150H20-24	1.1/4	31.8	20	1.1/2	60.3	40	113
1150H24-24	1.1/2	38.1	24	1.1/2	60.3	44	125
1150H24-32	1.1/2	38.1	24	2	71.4	40	126
1150H32-32	2	50.8	32	2	71.4	50	133

**1300H****Straight SAE Flange 6000 PSI****(SFS)**

Product number	hose I.D.		Dimension			
	in	mm	dash size	T Flange	mm	Cut-off C
1300H12-12	3/4	19	12	3/4	41.3	51
1300H12-16	3/4	19	12	1	47.6	57
1300H16-12	1	25.4	16	3/4	41.3	52
1300H16-16	1	25.4	16	1	47.6	59
1300H16-20	1	25.4	16	1.1/4	54	66
1300H20-16	1.1/4	31.8	20	1	47.6	60
1300H20-20	1.1/4	31.8	20	1.1/4	54	67
1300H20-24	1.1/4	31.8	20	1.1/2	63.5	73
1300H24-20	1.1/2	38.1	24	1.1/4	54	75
1300H24-24	1.1/2	38.1	24	1.1/2	63.5	74
1300H24-32	1.1/2	38.1	24	2	79.4	82
1300H32-32	2	50.8	32	2	79.4	84

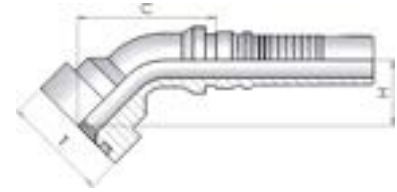
# 1100H



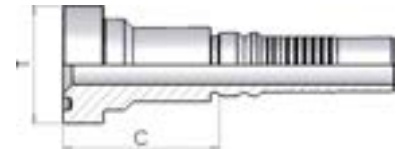
**90° SAE Flange 6000 PSI**

**(SFS 90°)**

Product number	hose I.D.		Dimension				
	in	mm	dash size	T Flange	mm	drop H	Cut-off C
1100H12-12	3/4	19	12	3/4	41.3	55	53
1100H12-16	3/4	19	12	1	47.6	63	52
1100H16-12	1	25.4	16	3/4	41.3	66	73
1100H16-16	1	25.4	16	1	47.6	69	75
1100H16-20	1	25.4	16	1.1/4	54	74	71
1100H20-16	1.1/4	31.8	20	1	47.6	80	93
1100H20-20	1.1/4	31.8	20	1.1/4	54	84,5	93
1100H20-24	1.1/4	31.8	20	1.1/2	63.5	92	94
1100H24-24	1.1/2	38.1	24	1.1/2	63.5	101	114
1100H24-32	1.1/2	38.1	24	2	79.4	115	115
1100H32-32	2	50.8	32	2	79.4	126	136.5

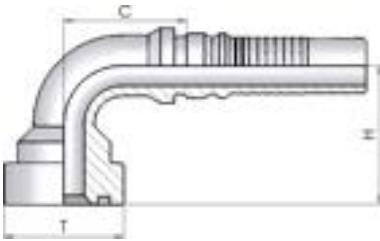
**1200H****45° SAE Flange 6000 PSI****(SFS 45°)**

Product number	hose I.D.		Dimension				
	in	mm	dash size	T Flange	mm	drop H	Cut-off C
1200H12-12	3/4	19	12	3/4	41.3	28	85
1200H12-16	3/4	19	12	1	47.6	34	88
1200H16-12	1	25.4	16	3/4	41.3	31	79
1200H16-16	1	25.4	16	1	47.6	34	85
1200H16-20	1	25.4	16	1.1/4	54	40	89
1200H20-16	1.1/4	31.8	20	1	47.6	34	93
1200H20-20	1.1/4	31.8	20	1.1/4	54	41	109
1200H24-24	1.1/2	38.1	24	1.1/2	63.5	50	133
1200H32-32	2	50.8	32	2	79.4	58	151

**130SH****Straight 'CAT' Flange****(SFC)**

Product number	hose I.D.		Dimension			
	in	mm	dash size	T Flange	mm	Cut-off C
130SH12-12	3/4	19	12	3/4	41.3	55
130SH12-16	3/4	19	12	1	47.6	62
130SH16-16	1	25.4	16	1	47.6	63
130SH16-20	1	25.4	16	1.1/4	54	70
130SH20-20	1.1/4	31.8	20	1.1/4	54	71
130SH24-24	1.1/2	38.1	24	1.1/2	64	78

## 110SH

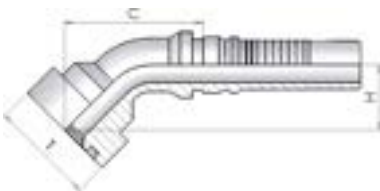


**90° 'CAT' Flange**

**(SFC 90°)**

Product number	hose I.D.		Dimension				
	in	mm	dash size	T Flange	mm	drop H	Cut-off C
110SH12-12	3/4	19	12	3/4	41.3	62	51
110SH16-16	1	25.4	16	1	47.6	75	73.2
110SH16-20	1	25.4	16	1.1/4	54	82	74
110SH20-20	1.1/4	31.8	20	1.1/4	54	89	93
110SH24-24	1.1/2	38.1	24	1.1/2	63.5	106	110

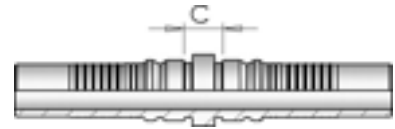
## 120SH



**45° 'CAT' Flange**

**(SFC 45°)**

Product number	hose I.D.		Dimension				
	in	mm	dash size	T Flange	mm	drop H	Cut-off C
120SH12-12	3/4	19	12	3/4	41.3	30	89
120SH16-16	1	25.4	16	1	47.6	38	115
120SH24-24	1.1/2	38.1	24	1.1/2	63.5	52	169

**D050H****Hose Junction**

Product number	hose I.D.		I.D.		Dimension	
	in	mm	dash size	Cut-off C		
D050H12	3/4	19	12	15		
D050H16	1	25.4	16	16		
D050H20	1.1/4	31.8	20	19		
D050H24	1.1/2	38.1	24	19		
D050H32	2	50.8	32	24		

# Hyblast / Multispiral Tail







**00Y4**



Swaged Ferrule (skive)

**135**

**00Y6**



Swaged Ferrule (skive)

**135**

**0019**



Swaged Ferrule (skive)

**135**



**0050Y**



BSP Female 60° cone Thrust Wire

**136**



**0370Y**



NPTF Male 60° cone

**136**



**0084Y**



Metric Female 24° Seat Heavy

**137**



**002M**



Swaged Ferrule (skive)

**137**



**0900M**



JIC Female 74° - Thrust Wire Nut

**138**

**0950M**



JIC 90° Swept Elbow 74° Cone - Thrust Wire

**138**



**0050M**



BSP Female 60° cone Thrust Wire

**138**

**0150M**



BSP 90° Swept Elbow 60° cone Thrust Wire

**139**



**0370M**



NPTF Male 60° cone

**139**



**0084M**



Metric Female 24° Seat Heavy

**139**

**0184M**



90° Metric Swept Elbow 24° Seat Heavy

**140**

## 00Y4

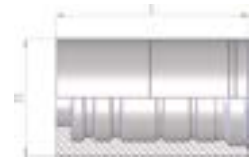
### Swaged Ferrule (skive)



Product number	hose I.D.		I.D.		Dimension		valid for
	in		mm		D	L	
00Y4-06	3/8		9.5		32.5	58.5	HB18k
00Y4-08	1/2		12.7		36.5	62	HB18k
00Y4-12	3/4		19		43.8	69	HB15k

## 00Y6

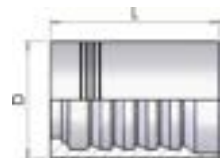
### Swaged Ferrule (skive)



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

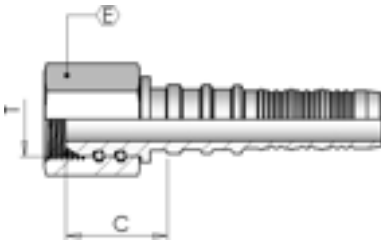
## 0019

### Swaged Ferrule (skive)



Product number	hose I.D.		Dimension		skive	valid for
	in	D	mm	L	Length	
0019-04	1/4	21	6.4	40	30	WB-VHP-4SP-4SH

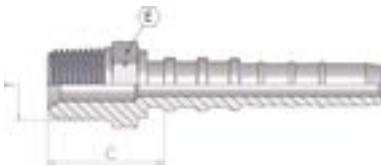
## 0050Y



### BSP Female 60° cone Thrust Wire

Product number	hose I.D.		Dimension			
	in	mm	dash size	Thread T	hex E	Cut-off C
0050Y08-08	1/2	12.7	08	1/2-14	30	33
0050Y16-16	1	25.4	16	1-11	38	40

## 0370Y



### NPTF Male 60° cone

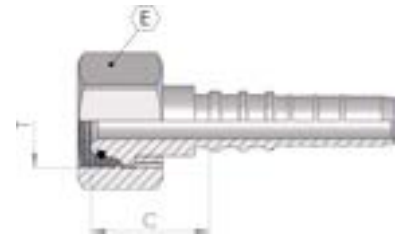
**(AGN)**

Product number	hose I.D.		I.D.	Dimension		
	in	mm		dash size	Cut-off C	T
0370Y06-06	3/8	9.5	06	29	3/8-18	19
0370Y08-08	1/2	12.7	08	35	1/2-14	22
0370Y12-12	3/4	19	12	37	3/4-14	27
0370Y16-16	1	25.4	16	49	1-11.1/2	38

## 0084Y

### Metric Female 24° Seat Heavy

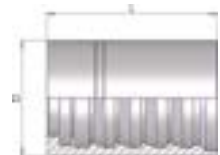
(DKOS)



Product number	hose I.D.		Dimension				
	in	mm	dash size	T	erm.	E	Cut-off C
0084Y06-22	3/8	9.5	06	M22-1.5	14	30	38
0084Y06-24	3/8	9.5	06	M24-1.5	16	32	39
0084Y08-24	1/2	12.7	08	M24-1.5	16	34	39
0084Y12-36	3/4	19	12	M36-2	25	46	45

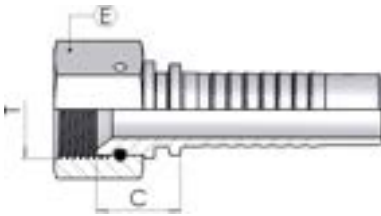
## 002M

### Swaged Ferrule (skive)



Product number	hose I.D.	Dimension		I.D.	skive
	in	D	mm	L	Length
002M-04	1/4	19.6	6.4	38	29
002M-06	3/8	24	9.5	40	31

## 0900M

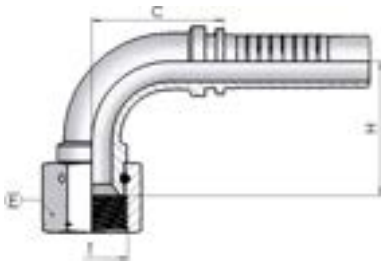


### JIC Female 74° - Thrust Wire Nut

(DKJ)

Product number	hose I.D.		Dimension			
	in	mm	dash size	Thread T	hex E	Cut-off C
0900M04-04	1/4	6.4	04	7/16-20	17	16
0900M06-06	3/8	9.5	06	9/16-18	19	18
0900M06-08	3/8	9.5	06	3/4-16	24	20

## 0950M

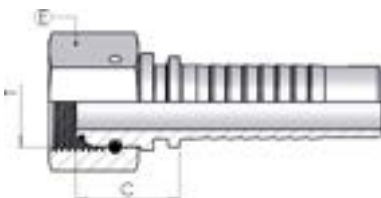


### JIC 90° Swept Elbow 74° Cone - Thrust Wire

(DKJ 90°)

Product number	hose I.D.		Dimension				
	in	mm	dash size	Thread T	hex E	drop H	Cut-off C
0950M04-04	1/4	6.4	04	7/16-20	17	26	26
0950M06-06	3/8	9.5	06	9/16-18	19	33	35
0950M06-08	3/8	9.5	06	3/4-16	24	34	35

## 0050M



### BSP Female 60° cone Thrust Wire

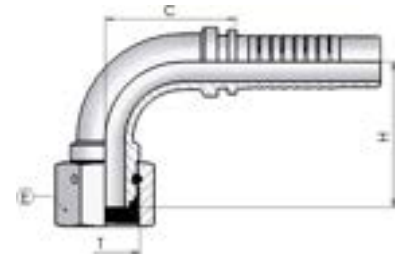
(DKR)

Product number	hose I.D.		Dimension			
	in	mm	dash size	Thread T	hex E	Cut-off C
0050M04-04	1/4	6.4	04	1/4-19	19	20

## 0150M

**BSP 90° Swept Elbow 60° cone  
Thrust Wire**

**(DKR 90°)**

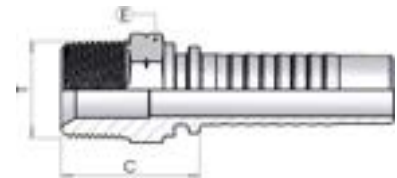


Product number	hose I.D.		Dimension				
	in	mm	dash size	Thread T	hex E	drop H	Cut-off C
0150M04-04	1/4	6.4	04	1/4-19	19	28	26

## 0370M

**NPTF Male 60° cone**

**(AGN)**

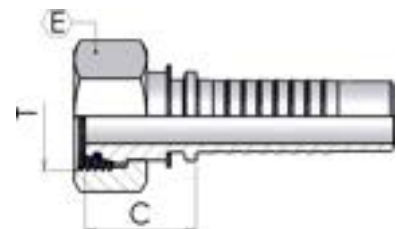


Product number	hose I.D.		Dimension			
	in	mm	dash size	Thread T	hex E	Cut-off C
0370M04-04	1/4	6.4	04	1/4-18	15	29
0370M06-06	3/8	9.5	06	3/8-18	19	29

## 0084M

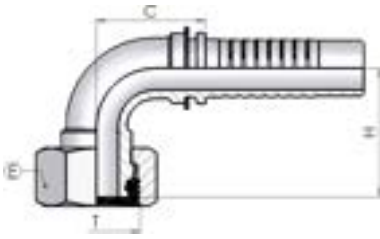
**Metric Female 24° Seat Heavy**

**(DKOS)**



Product number	hose I.D.		Dimension				
	in	mm	dash size	Thread T	erm.	hex E	Cut-off C
0084M04-16	1/4	6.4	04	M16-1.5	8	19	27
0084M04-18	1/4	6.5	04	M18-1.5	10	22	24

# 0184M



## 90° Metric Swept Elbow 24° Seat Heavy

**(DKOS 90°)**

Product number	hose I.D.		Dimension					
	in	dash size	mm	Thread T	erm.	hex E	drop H	Cut-off C
0184M04-16	1/4	04	6.4	M16-1.5	8	19	26	28
0184M04-18	1/4	04	6.4	M18-1.5	10	22	31	33



# Low Pressure Fittings





**P050**



BSP Female 60° cone - UniLock

**143**

**P150**



BSP 90° Swept elbow 60° cone - UniLock

**143**



**BA**



Steel ferrule

**144**



**0345B**



BSP Male - Flat Seat

**145**

**0350B**



BSP Male Parallel 60° cone

**146**



**0051B**



BSP Female 60° Cone

**147**

**0151B**



BSP 90° Swept Elbow 60° Cone

**148**

**0251B**



BSP 45° Swept Elbow 60° Cone

**149**



**1350B**

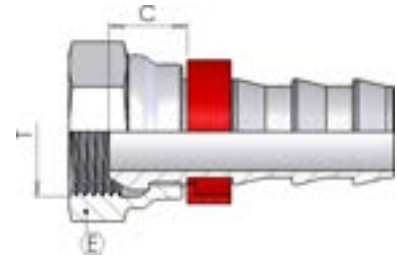


Metric Banjo

**150**

## P050

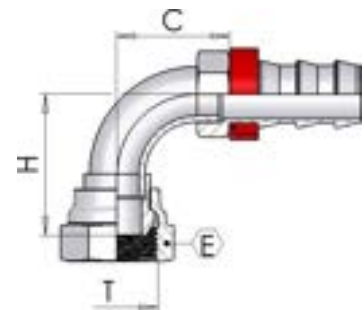
### BSP Female 60° cone - UniLock



Product number	hose I.D.		Dimension			
	in	mm	dash size	Thread T	hex E	Cut-off C
P050-04-04	1/4	6.4	04	1/4-19	17	10
P050-06-06	3/8	9.5	06	3/8-19	19	10
P050-08-08	1/2	12.7	08	1/2-14	27	13
P050-12-12	3/4	19	12	3/4-14	32	16
P050-16-16	1	25.4	16	1-11	38	15

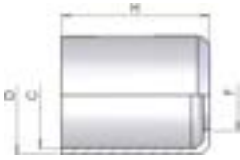
## P150

### BSP 90° Swept elbow 60° cone - UniLock



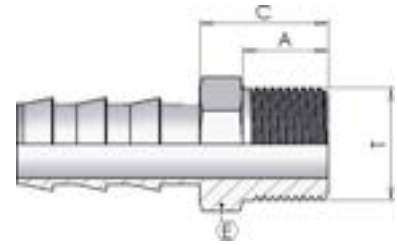
Product number	hose I.D.		Dimension				
	in	mm	dash size	Thread T	hex E	drop H	Cut-off C
P150-04-04	1/4	6.4	04	1/4-19	17	23	21
P150-06-06	3/8	9.5	06	3/8-19	19	29	31
P150-08-08	1/2	12.7	08	1/2-14	27	36	38
P150-12-12	3/4	19	12	3/4-14	32	65	54
P150-16-16	1	25.4	16	1-11	38	55	44

## BA



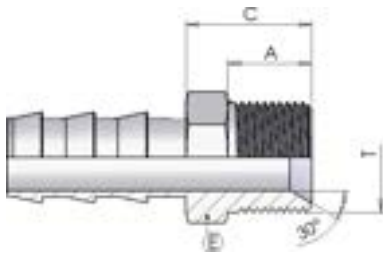
## Steel ferrule

Product number	Dimension			
	D	C	F	H
BA-021-024	24	21	16	31
BA-024-027	27	24	18	31
BA-027-030	30	27	20	34
BA-029-032	32	29	21	35
BA-035-038	38	35	27	36
BA-037-040	40	37	28	38
BA-039-042	42	39	29	40
BA-046-050	50	46	34	46
BA-085-090	90	85	68	63
BA-095-100	100	95	78	68

**0345B****BSP Male - Flat Seat**

Product number	hose I.D.		Dimensions		Dimension		
	in	mm	DN	Thread T	Cut-off C	A	hex E
0345B04-02	1/4	6.4	06	1/8	16	10	14
0345B04-04	1/4	6.4	06	1/4	16	10	14
0345B05-04	5/16	7.9	08	1/4	16	10	14
0345B05-06	5/16	7.9	08	3/8	19	12	17
0345B06-04	3/8	9.5	10	1/4	16	10	17
0345B06-06	3/8	9.5	10	3/8	19	12	17
0345B06-08	3/8	9.5	10	1/2	21	13	22
0345B08-06	1/2	12.7	13	3/8	19	12	19
0345B08-08	1/2	12.7	13	1/2	21	13	22
0345B10-06	5/8	15.9	16	3/8	19	12	19
0345B10-08	5/8	15.9	16	1/2	21	13	22
0345B10-12	5/8	15.9	16	3/4	21	15	27
0345B12-08	3/4	19	19	1/2	21	13	24
0345B12-12	3/4	19	19	3/4	23	15	27
0345B12-16	3/4	19	19	1	25	16	34
0345B16-12	1	25.4	25	3/4	23	15	30
0345B16-16	1	25.4	25	1	25	16	34
0345B20-12	1.1/4	31.8	32	3/4	23	15	34
0345B20-16	1.1/4	31.8	32	1	26	16	36
0345B20-20	1.1/4	31.8	32	1.1/4	27	17	42
0345B24-20	1.1/2	38.1	38	1.1/4	27	17	42
0345B24-24	1.1/2	38.1	38	1.1/2	29	18	50
0345B32-32	2	50.8	50	2	31	19	60
0345B40-40	2.1/2	63.5	70	2.1/2	36	23	75

# 0350B

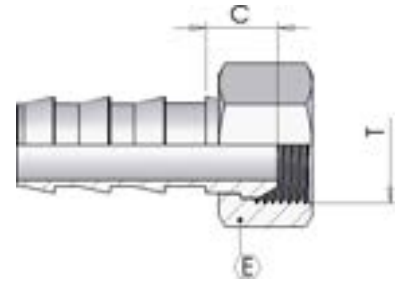


## BSP Male Parallel 60° cone

Product number	hose I.D.		Dimensions		Dimension		
	in	mm	DN	Thread T	Cut-off C	A	hex E
0350B04-02	1/4	6.4	06	1/8	14	9	14
0350B04-04	1/4	6.4	06	1/4	16	10	19
0350B05-04	5/16	7.9	08	1/4	16	10	19
0350B06-04	3/8	9.5	10	1/4	16	10	19
0350B06-06	3/8	9.5	10	3/8	18	12	22

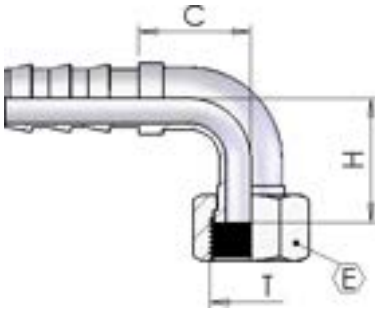
## 0051B

## BSP Female 60° Cone



Product number	hose I.D.		Dimensions DN	Dimension		
	in	mm		Thread T	Cut-off C	hex E
0051B03-02	3/16	4.8	05	1/8	9	14
0051B04-02	1/4	6.4	06	1/8	9	14
0051B04-04	1/4	6.4	06	1/4	10	17
0051B05-04	5/16	7.9	08	1/4	10	17
0051B05-06	5/16	7.9	08	3/8	11	19
0051B06-06	3/8	9.5	10	3/8	11	19
0051B06-08	3/8	9.5	10	1/2	12	24
0051B08-06	1/2	12.7	13	3/8	11	19
0051B08-08	1/2	12.7	13	1/2	12	24
0051B10-08	5/8	15.9	16	1/2	12	24
0051B10-12	5/8	15.9	16	3/4	14	30
0051B12-12	3/4	19	19	3/4	14	30
0051B12-16	3/4	19	19	1	15	38
0051B16-16	1	25.4	25	1	16	38
0051B20-20	1.1/4	31.8	32	1.1/4	16	46
0051B20-24	1.1/4	31.8	32	1.1/2	18	55
0051B24-24	1.1/2	38.1	38	1.1/2	18	55
0051B32-32	2	50.8	50	2	19	65
0051B40-40	2.1/2	63.5	60	2.1/2	24	85
0051B48-48	3	76.2	70	3	26	100

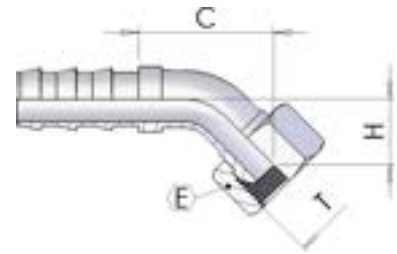
## 0151B



### BSP 90° Swept Elbow 60° Cone

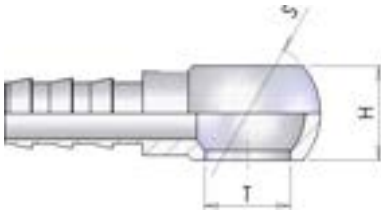
Product number	hose I.D.		Dimensions DN	Dimension			
	in	mm		Thread T	Cut-off C	drop H	hex E
0151B04-04	1/4	6.4	06	1/4	28	25	17
0151B05-04	5/16	7.9	08	1/4	28	25	17
0151B05-06	5/16	7.9	08	3/8	32	32	19
0151B06-06	3/8	9.5	10	3/8	33	33	19
0151B06-08	3/8	9.5	10	1/2	38	35	24
0151B08-06	1/2	12.7	13	3/8	38	35	19
0151B08-08	1/2	12.7	13	1/2	43	41	24
0151B08-12	1/2	12.7	13	3/4	40	45	30
0151B10-08	5/8	15.9	16	1/2	44	41	24
0151B10-12	5/8	15.9	16	3/4	40	45	30
0151B12-12	3/4	19	19	3/4	51	49	30
0151B12-16	3/4	19	19	1	45	49	38
0151B16-12	1	25.4	25	3/4	45	57	32
0151B16-16	1	25.4	25	1	60	58	38
0151B16-20	1	25.4	25	1.1/4	56	64	46
0151B20-20	1.1/4	31.8	32	1.1/4	70	66	46
0151B24-24	1.1/2	38.1	38	1.1/2	70	75	55
0151B32-32	2	50.8	50	2	66	70	65
0151B40-40	2.1/2	63.5	60	2.1/2	82	85	85



**0251B****BSP 45° Swept Elbow 60° Cone**

Product number	hose I.D.		Dimensions DN	Dimension			
	in	mm		Thread T	Cut-off C	drop H	hex E
0251B04-04	1/4	6.4	06	1/4	44	17	17
0251B05-06	5/16	7.9	08	3/8	50	19	19
0251B06-06	3/8	9.5	10	3/8	52	20	19
0251B06-08	3/8	9.5	10	1/2	54	23	24
0251B08-06	1/2	12.7	13	3/8	54	23	19
0251B08-08	1/2	12.7	13	1/2	60	25	24
0251B10-12	5/8	15.9	16	3/4	65	28	30
0251B12-12	3/4	19	19	3/4	65	28	30
0251B12-16	3/4	19	19	1	55	30	38
0251B16-16	1	25.4	25	1	74	30	38
0251B20-20	1.1/4	31.8	32	1.1/4	72	35	46
0251B24-24	1.1/2	38.1	38	1.1/2	72	35	55
0251B32-32	2	50.8	50	2	90	50	65

# 1350B



## Metric Banjo

Product number	hose I.D.		Dimensions DN	Dimension		
	in	mm		hole T	H	S
1350B04-10	1/4	6.4	06	M10-1	11	17
1350B04-12	1/4	6.4	06	M12-1,5	12	20
1350B04-14	1/4	6.4	06	M14-1,5	14	24
1350B05-12	5/16	7.9	08	M12-1,5	12	20
1350B05-14	5/16	7.9	08	M14-1,5	14	24
1350B05-16	5/16	7.9	08	M16-1,5	19	28
1350B06-16	3/8	9.5	10	M16-1,5	19	28
1350B06-18	3/8	9.5	10	M18-1,5	20	32
1350B08-18	1/2	12.7	13	M18-1,5	20	32
1350B08-22	1/2	12.7	13	M22-1,5	23	36
1350B10-18	5/8	15.9	16	M18-1,5	20	32

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004H	16	0135	55
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BMC2	18	0200	58
0007	18	S350	59
0008	19	S050	60
0003	19	S05T	61
PTFE	20	S150	62
PTFE-C	20	S15S	63
0345	21	S250	64
0060	22	1260	65
0350	23	1060	66
035G	24	1160	67
0050	25	FS3L	67
0051	25	S003	68
0058	25	1310	69
0051D	26	1110	70
0150	27	1210	71
0151	27	FS6L	71
0158	27	S006	72
0250	28	130S	72
0251	28	110S	73
0258	28	120S	73
2321	29	1250	74
2300	29	1050	74
0041	30	1150	74
0048	30	0940	75
0141	31	0990S	76
0148	31	0930	76
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0248	32	0920	77
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1002	40	0350N	91
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