



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

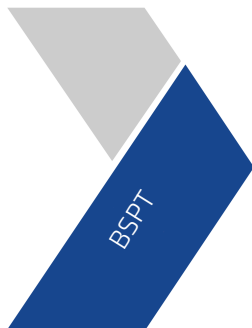
32

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

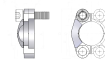
FS6L



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

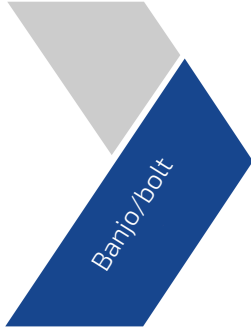
79

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

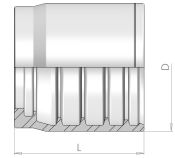


Weldable Fitting

85

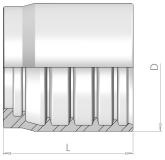
001C

Swaged Ferrule (no skive)



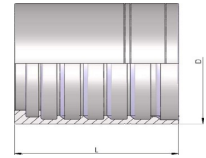
Product number	hose I.D.		Dimension		skive Length	valid for -
	in	mm	D	L		
001C-03	3/16	4,8	18,5	24	NO	R17-2SC-1SN-Pilot-H1
001C-04	1/4	6,4	20	26	NO	R17-2SC-1SC-1SN-Pilot-H1
001C-05	5/16	7,9	22	28	NO	R17-2SC-1SC-1SN-Pilot-H1
001C-06	3/8	9,5	25	28	NO	R17-2SC-1SC-1SN-Pilot-H1
001C-08	1/2	12,7	28	28	NO	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



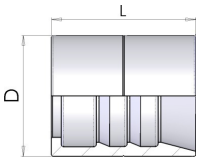
Swaged Ferrule (no skive)

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

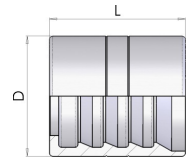


Swaged Ferrule (skive)

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)

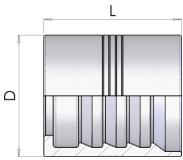
0002

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-3SC-(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)		

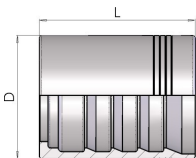
0009



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

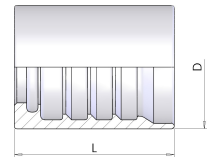


Swaged Ferrule (skive)

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

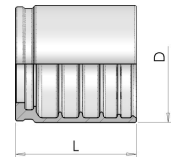
Swaged Ferrule (skive)



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	

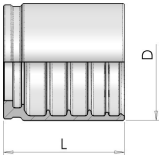
BMC1

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)	

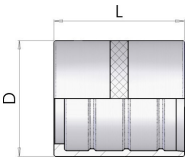
BMC2



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

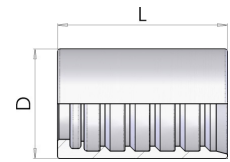


Swaged Ferrule (no skive)

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

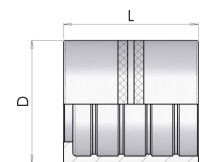
Swaged Ferrule (no skive)



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

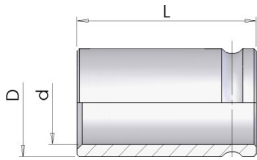
0003

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

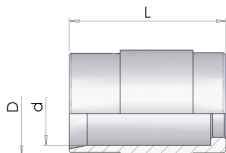


Ferrule for PTFE hose

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)

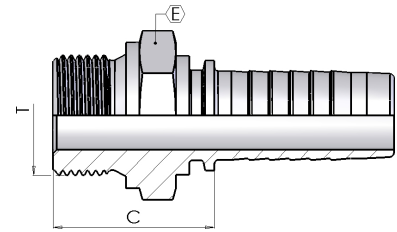
PTFE-C



Ferrule for PTFE hose

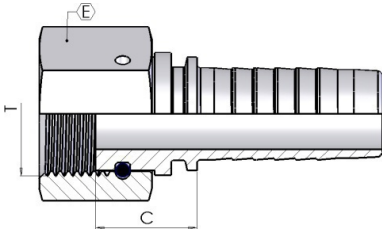
Product number	hose I.D.	Dimension			I.D.	skive	valid for
	in	D	mm	L	d-int	Length	-
PTFE-04-C	1/4	17.8	6.4	26.5	14.4	NO	PTFE type LTC
PTFE-06-C	3/8	20	9.5	30.5	16.8	NO	PTFE type LTC
PTFE-08-C	1/2	24	12.7	33.2	20.5	NO	PTFE type LTC
PTFE-10-C	5/8	29.2	15.9	34.8	25.4	NO	PTFE type LTC
PTFE-12-C	3/4	31.1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

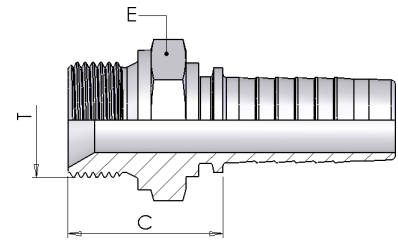
0060



BSP Female flat seat

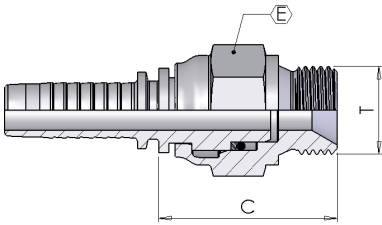
(DKR-F)

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

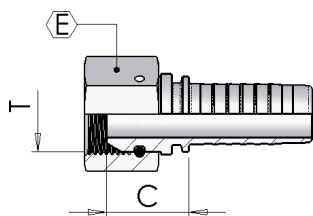


BSP Male Parallel 60° Cone - Rotating

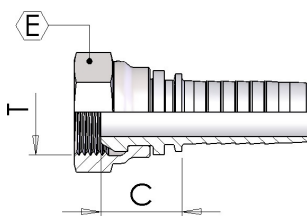
(AGR-RO)

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

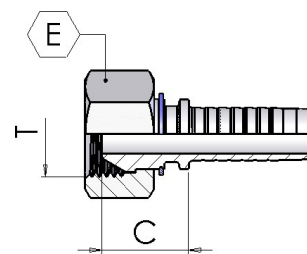
0050



0051



0058



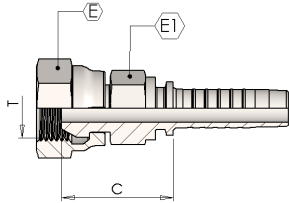
BSP Female 60° Cone

(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

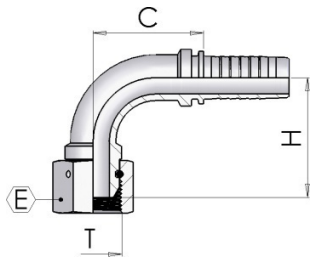
0051D

BSP Female 60° Cone - Double Hexagon

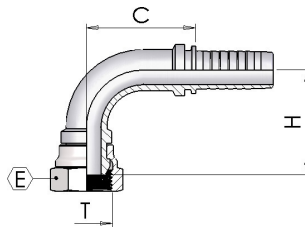


Product number	hose I.D.		Dimension				
	in	mm	dash size	T	E	E1	C
0051D04-04	1/4	6,4	04	1/4-19	19	14	22
0051D06-06	3/8	9,5	06	3/8-19	22	17	28
0051D08-08	1/2	12,7	08	1/2-14	27	22	30
0051D12-12	3/4	19	12	3/4-14	32	27	35

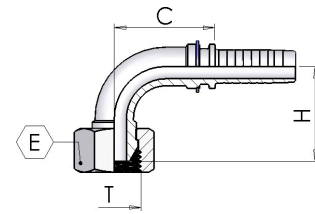
0150



0151



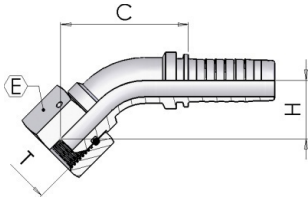
0158



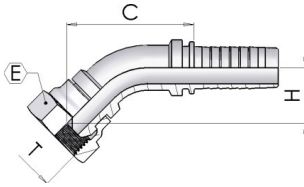
BSP 90° Swept elbow 60° cone

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

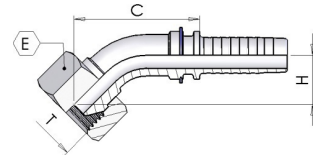
0250



0251



0258

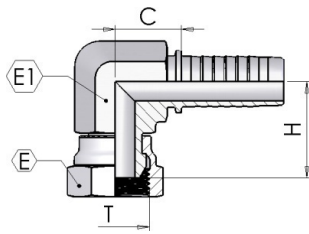


BSP 45° Swept Elbow 60° Cone

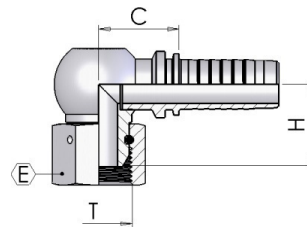
(DKR-45°)

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



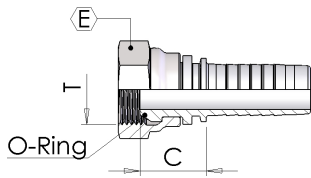
2300



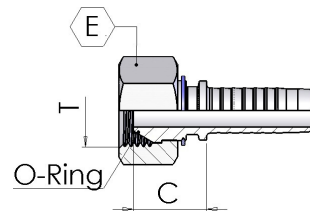
BSP 90° Compact Elbow 60° Cone

Product number	hose I.D.		Dimension					
	in	mm	dash size	T	E	E1	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



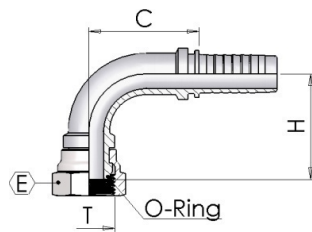
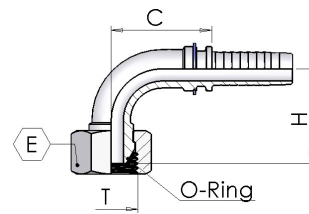
0048



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

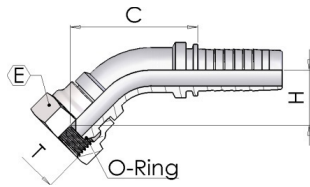
0141**0148**

BSP O'Ring 90° Swept elbow 60° cone

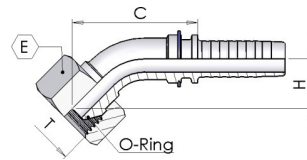
(DKR-OR 90°)

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



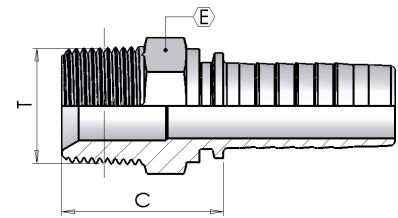
0248



BSP O'Ring 45° Swept Elbow 60° Cone

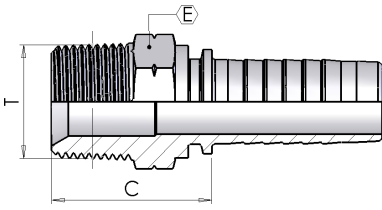
(DKR-OR 45°)

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



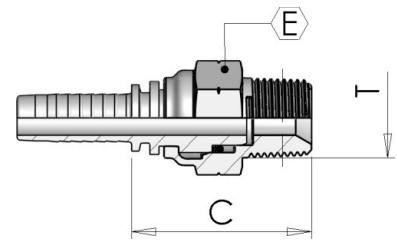
NPTF Male 60° cone

(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

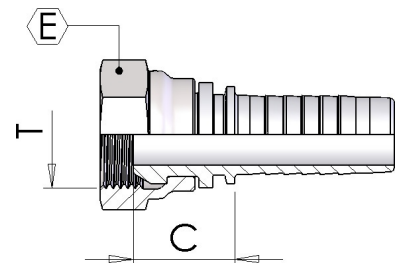
NPTF Male Parallel 60° Cone - Rotating (AGN-RO)



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

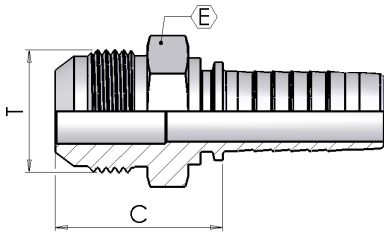
N051

NPSM Female 60° Cone Rolled Nut (DKN)



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

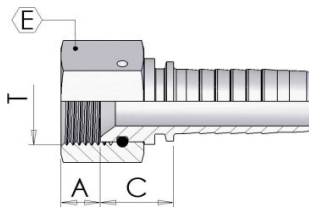


JIC Male 74° cone

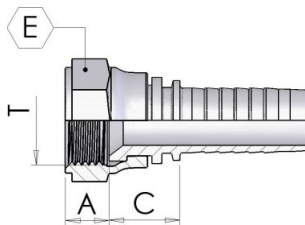
(AGJ)

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

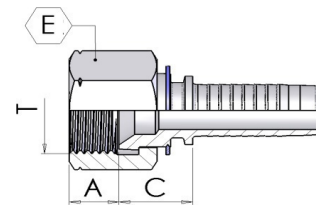
0900



0901



0902

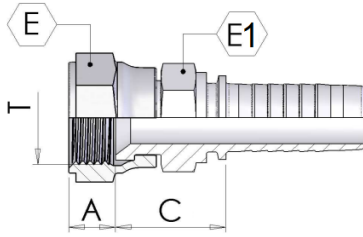


JIC Female 74°

(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

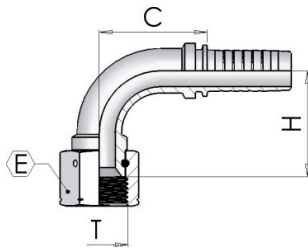


JIC Female 74° Cone- Double Hexagon

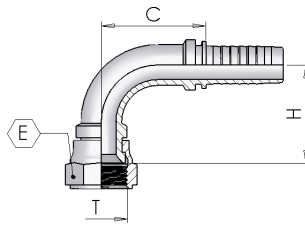
(DKJ)

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

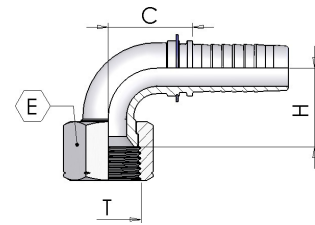
0950



0951



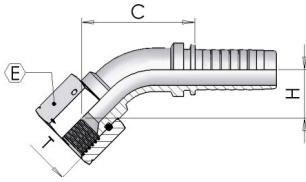
0952



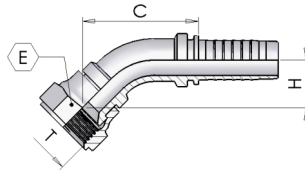
JIC 90° Swept Elbow 74° cone

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

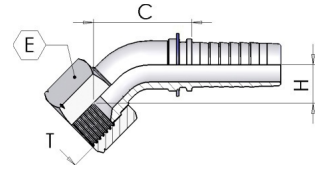
1000



1001



1002



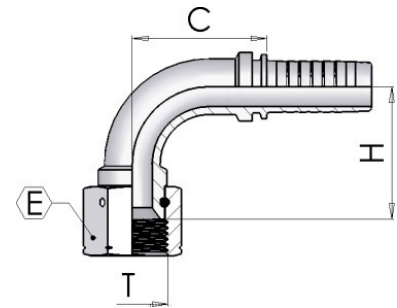
JIC 45° Swept Elbow 74°

(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

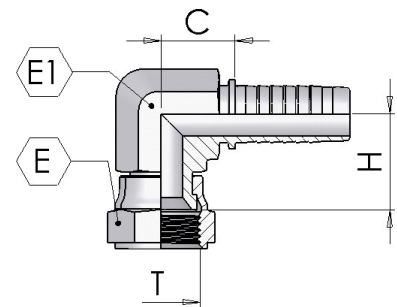
JIC 90° Swept Elbow 74° cone - ISO SHORT



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

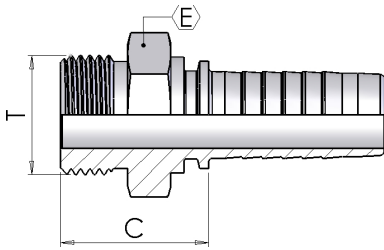
2971

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	21	19
2971-05-06	5/16	7.9	05	9/16-18	19	17	21	23
2971-06-06	3/8	9.5	06	9/16-18	19	17	20	24
2971-06-08	3/8	9.5	06	3/4-16	24	19	22	25
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



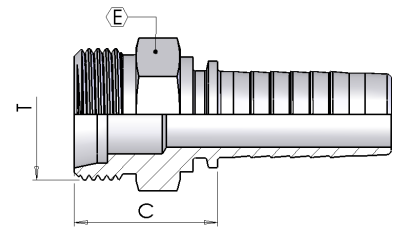
SAE Male O'R Flat Seat

(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

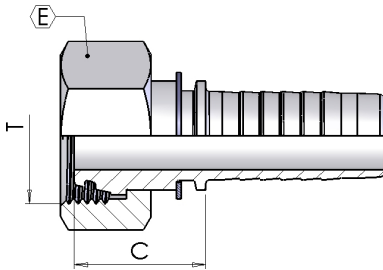
Metric Male 24° Seat Light

(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)

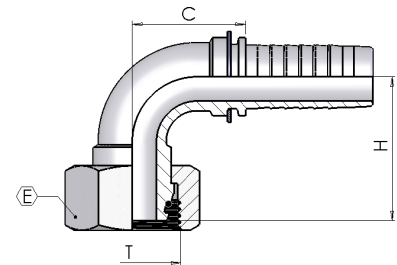
Product number	hose I.D.		Dimension				I.D.
	in	dash size	mm	T	erm.	€	Cut-off C
0085-03-12	3/16	03	4.8	M12-1.5	6	14	23
0085-03-14	3/16	03	4.8	M14-1.5	8	17	24
0085-04-12*	1/4	04	6.4	M12-1.5	6	14	25
0085-04-14	1/4	04	6.4	M14-1.5	8	17	24
0085-04-16	1/4	04	6.4	M16-1.5	10	19	24
0085-04-18	1/4	04	6.4	M18-1.5	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

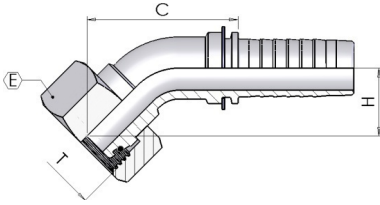
(DKOL-90°)



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

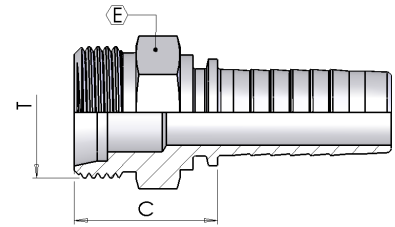
(DKOL-45°)

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

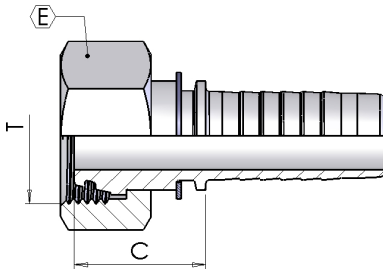
Metric Male 24° Seat Heavy

(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)

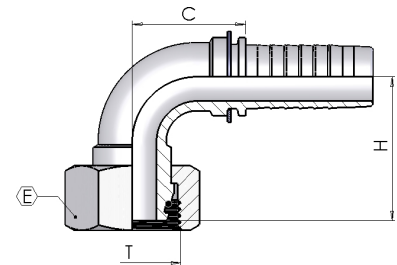
Product number	hose I.D.		dash size	Dimension			
	in	mm		T	erm.	E	Cut-off C
0084-03-14	3/16	4.8	03	M14-1.5	6	17	22
0084-03-16	3/16	4.8	03	M16-1.5	8	19	25
0084-04-14	1/4	6.4	04	M14-1.5	6	17	23
0084-04-16	1/4	6.4	04	M16-1.5	8	19	25
0084-04-18	1/4	6.4	04	M18-1.5	10	22	24
0084-04-20	1/4	6.4	04	M20-1.5	12	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

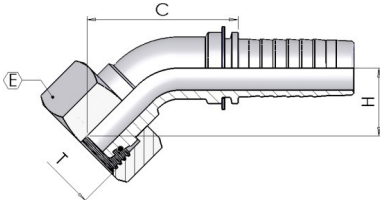
(DKOS-90°)



Product number	hose I.D. / 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



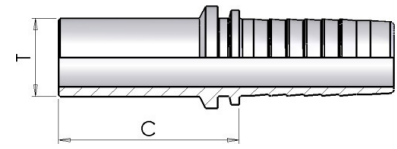
45° Metric Swept Elbow 24° Seat Heavy

(DKOS-45°)

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

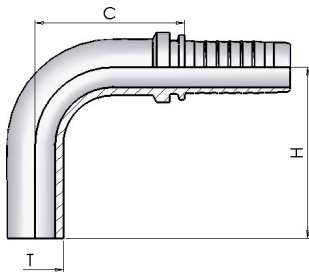
Metric Standpipe

(BEL-BES)

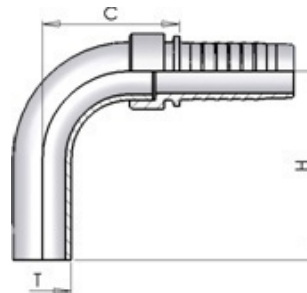


Product number	hose I.D.		Dimension			
	in	mm	dash size	Pipe T	Type	Cut-off C
0550-03-06	3/16	4.8	03	6	L/S	30
0550-03-08	3/16	4.8	03	8	L/S	29
0550-04-06	1/4	6.4	04	6	L/S	32
0550-04-08	1/4	6.4	04	8	L/S	30
0550-04-10	1/4	6.4	04	10	L/S	33
0550-04-12	1/4	6.4	04	12	L/S	30
0550-05-08	5/16	7.9	05	08	L/S	31
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



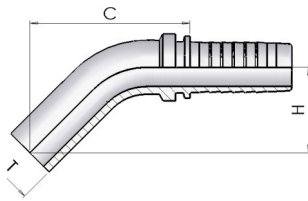
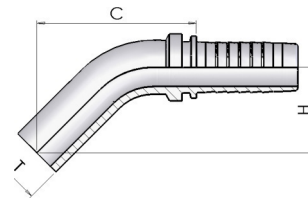
0650S



90° Metric Standpipe

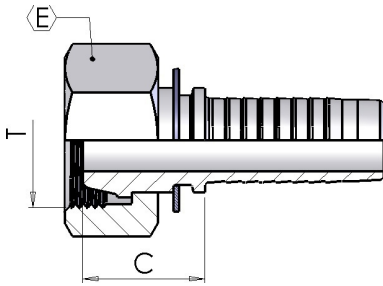
(BEL-BES 90°)

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

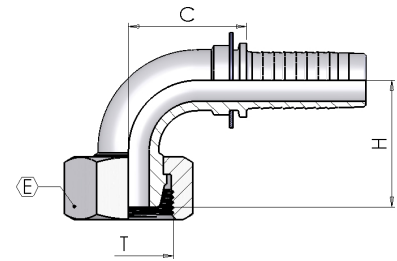
(DKL)

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

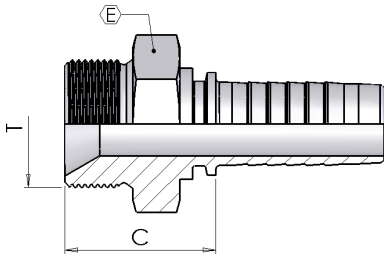
90° Metric Swept Elbow 24° Seat Light Multiseal

(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

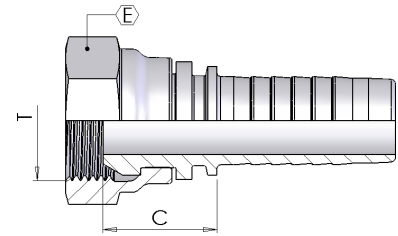


Metric Male 60° cone

(AGM)

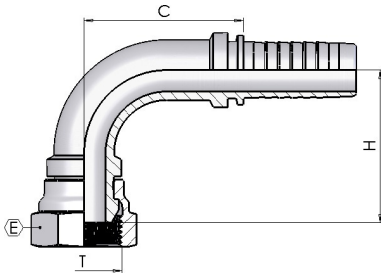
Product number	hose I.D.		I.D.	Dimension		
	in	mm		dash size	T	E
0400-03-10	3/16	4.8	03	M10-1	14	19
0400-03-12	3/16	4.8	03	M12-1.5	17	25
0400-04-14	1/4	6.4	04	M14-1.5	19	26
0400-05-16	5/16	7.9	05	M16-1.5	22	26
0400-05-18	5/16	7.9	05	M18-1.5	24	26
0400-06-14	3/8	9.5	06	M14-1.5	19	26
0400-06-16	3/8	9.5	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
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

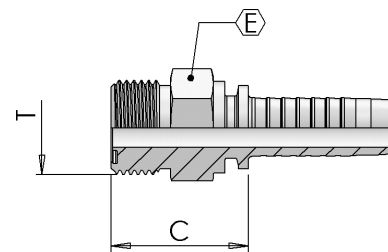
(DKM-90°)

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

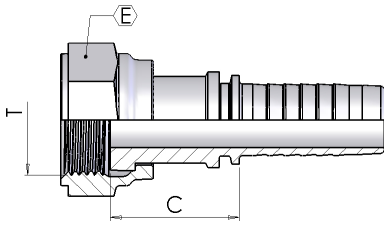
(ORFS)



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

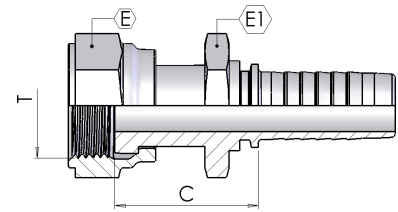
S050



ORFS Female

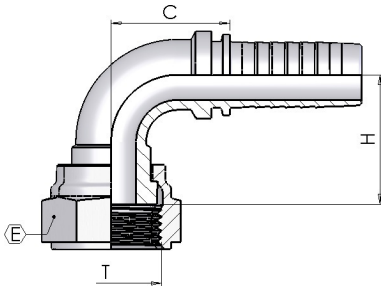
(ORFS)

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

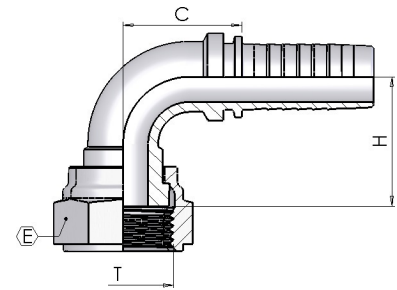
(ORFS-90°)

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

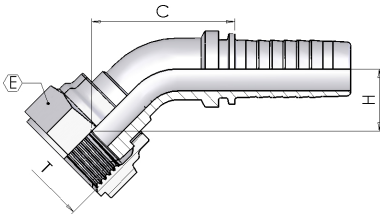
ORFS 90° Swept Elbow - ISO SHORT

(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

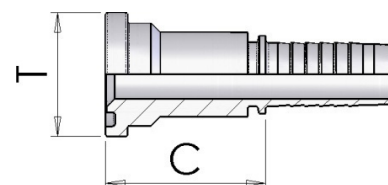
S250



ORFS 45° Swept Elbow

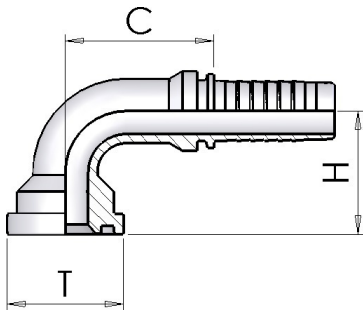
(ORFS-45°)

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

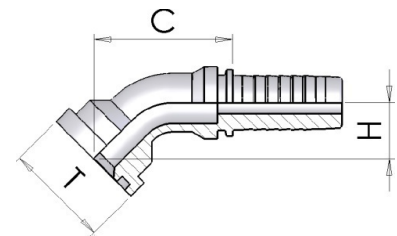
(SFL 90°)

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°)

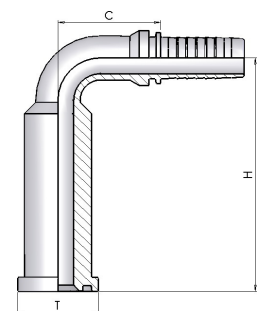


Product number	hose I.D.		Dimension				
	in	mm	dash size	T Flange	mm	H	Cut-off C
1160-08-08	1/2	12.7	08	1/2	30.2	22	62
1160-08-12	1/2	12.7	08	3/4	38.1	25	67
1160-12-12	3/4	19	12	3/4	38.1	25	69
1160-12-16	3/4	19	12	1	44.5	30	88
1160-16-16	1	25.4	16	1	44.5	29	82
1160-20-20	1.1/4	31.8	20	1.1/4	50.8	38	102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

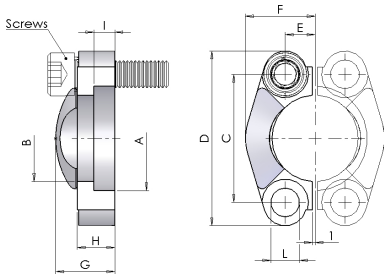
90° SAE Flange 3000 Psi - Long Drop

(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

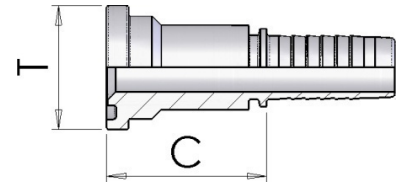


Cut Split Flanges - 3000 psi

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

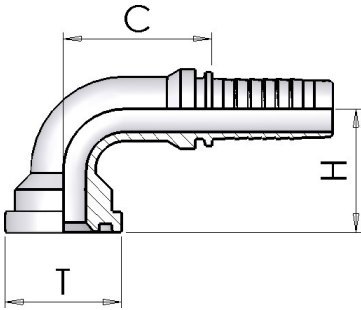
This product is sold in pairs

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

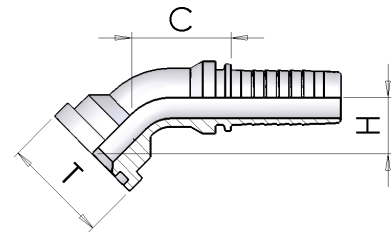
(SFS 90°)

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°)

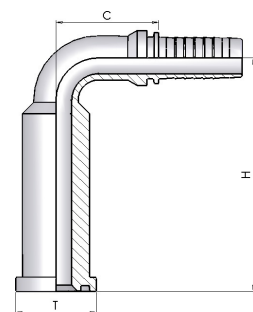


Product number	hose I.D.		Dimension				
	in	mm	dash size	T Flange	mm	drop H	Cut-off C
1210-08-08	1/2	12.7	08	1/2	31.8	22	62
1210-08-12	1/2	12.7	08	3/4	41.3	28	69
1210-10-08	5/8	15.9	10	1/2	31.8	21	66
1210-10-12	5/8	15.9	10	3/4	41.3	27	75
1210-12-12	3/4	19	12	3/4	41.3	28	74
1210-12-16	3/4	19	12	1	47.6	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

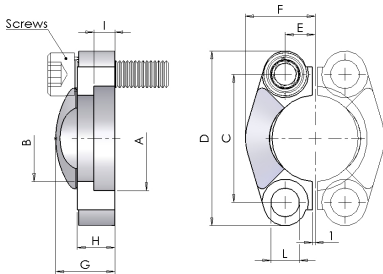
90° SAE Flange 6000 Psi - Long Drop

(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

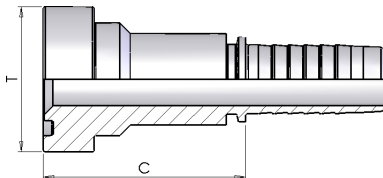


Cut Split Flanges - 6000 psi

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

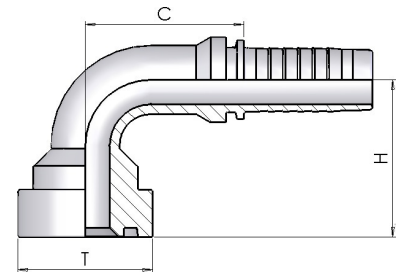
(SFC)

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°)

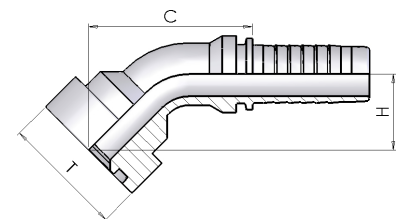


Product number	hose I.D. I.D.		Dimension				
	in	mm	dash size	T Flange	mm	H	Cut-off C
110S-12-12	3/4	19	12	3/4	41.3	62	56
110S-12-16	3/4	19	12	1	47.6	65	56
110S-16-16	1	25.4	16	1	47.6	74	78
110S-16-20	1	25.4	16	1.1/4	54	80	78
110S-20-20	1.1/4	31.8	20	1.1/4	54	90	97
110S-20-24	1.1/4	31.8	20	1.1/2	63.5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

120S

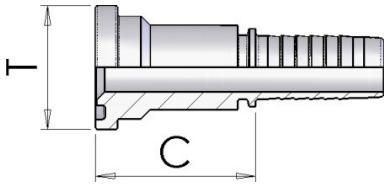
45° 'CAT' Flange

(SFC 45°)



Product number	hose I.D. 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

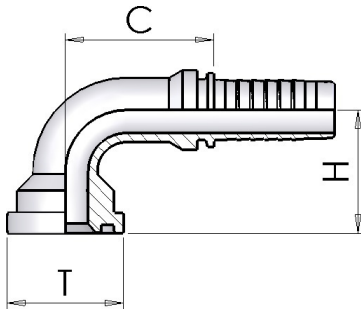


Komatsu Flange - Straight

(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

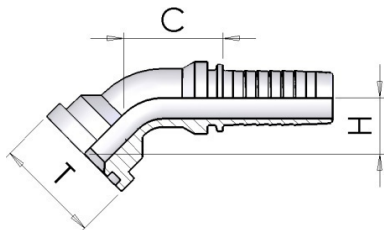


Komatsu Flange 90°

(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

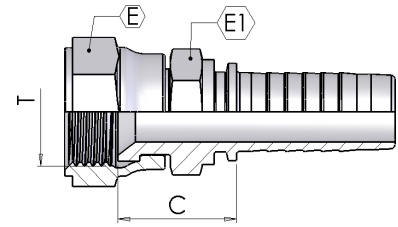


Komatsu Flange 45°

(JIS-KF)

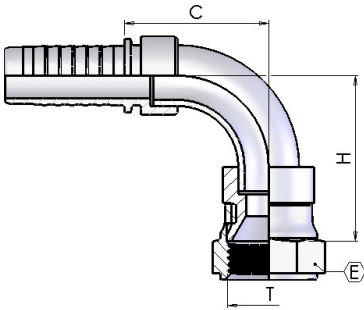
Product number	hose I.D.		Dimension				
	in	dash size	mm	T Flange	mm	drop H	Cut-off C
1150-10-10	5/8	10	15.9	5/8	34	54	23

0940

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

Product number	hose I.D.		I.D.	Dimension			
	in	mm		dash size	T	E	E1
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

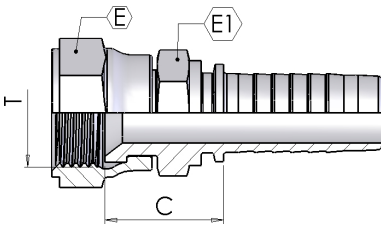


90° JIS Swept Elbow (Komatsu) - welded

(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)

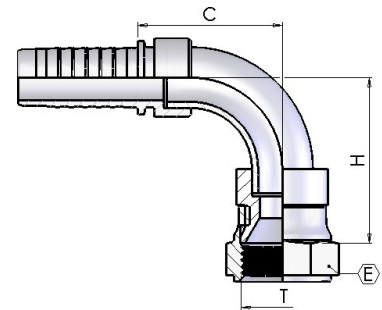
(JIS-T)

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°)

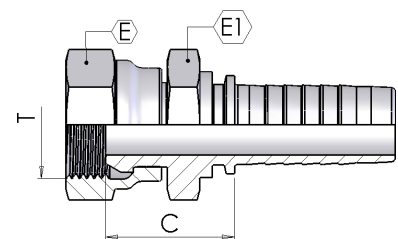


Product number	hose I.D.		I.D.	Dimension				Cut-off C
	in	mm		dash size	T	E	H	
0980S04-04	1/4	6.4	04	1/4-19	19	35	38	
0980S06-06	3/8	9.5	06	3/8-19	22	30	27	
0980S08-08	1/2	12.7	08	1/2-14	27	39	33	
0980S12-12	3/4	19	12	3/4-14	32	55	48	
0980S16-16	1	25.4	16	1-11	38	62	57	

0920

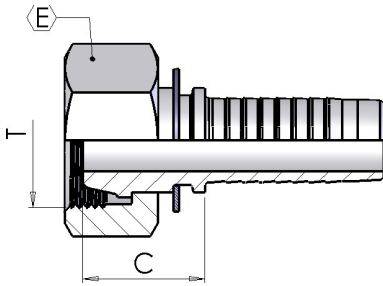
JIS Female 60° cone (Nissan)

(JIS-N)



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

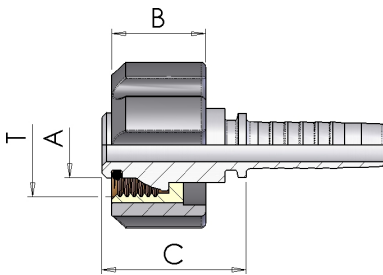


Metric Female 24° Cone French Type

(DKF)

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

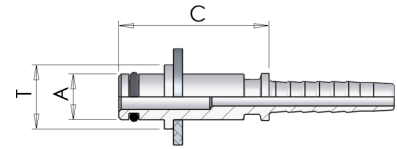


K' Female

Product number	hose I.D.		Dimension				I.D.
	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

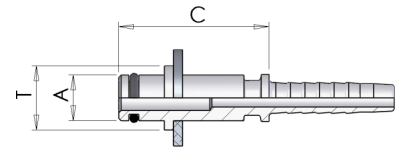
'K' Male (for gun) - Diameter 10



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

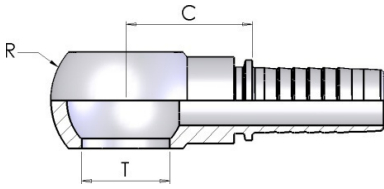
FN51

'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

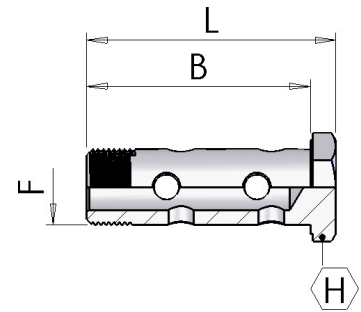


BSP Banjo

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

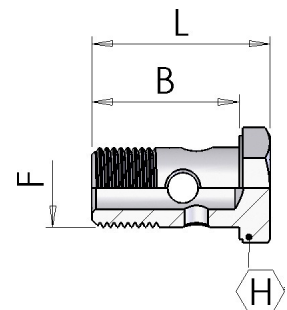
Double BSP Perforded Bolt



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

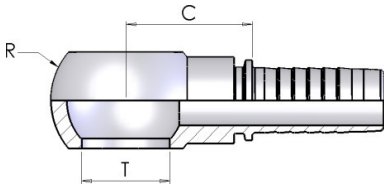
1600-00

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

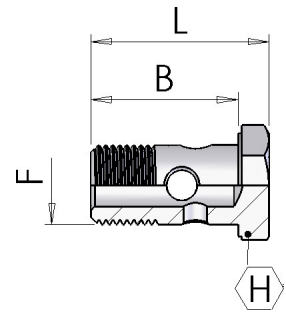


Metric Banjo

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

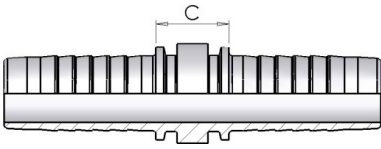
1650

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

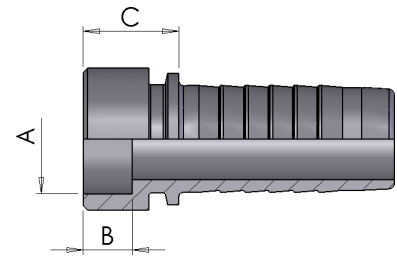
D050



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		

Weldable Fitting



Product number	hose I.D.	I.D.	Dimension			
	in	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!



0NI4



Swaged Ferrule 4WS (no skive)

90

0NI6



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

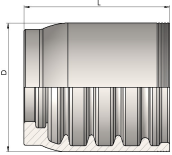
120SN



45° 'CAT' Flange

111

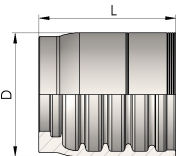
ONI4



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



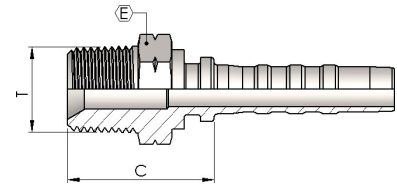
Swaged Ferrule (no skive)

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)

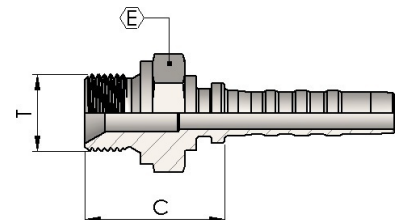


Product number	hose I.D.		Dimension			
	in	mm	dash size	Cut-off C	T	E
0370N06-06	3/8	9.5	06	30	3/8-18	19
0370N06-08	3/8	9.5	06	36	1/2-14	22
0370N08-08	1/2	12.7	08	36	1/2-14	22
0370N12-12	3/4	19	12	39	3/4-14	27
0370N16-16	1	25.4	16	46	1-11.1/2	36
0370N20-20	1.1/4	31.8	20	50	1.1/4-11.1/2	46
0370N24-24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

0350N

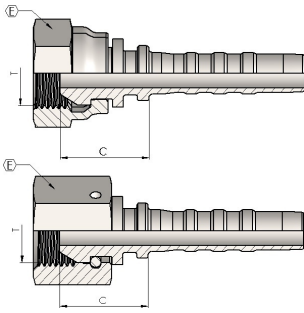
BSP Male Parallel 60° cone

(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	

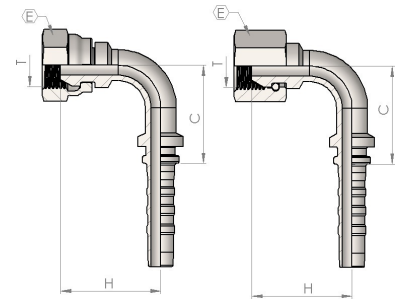
0050N 0051N



BSP Female 60° Cone

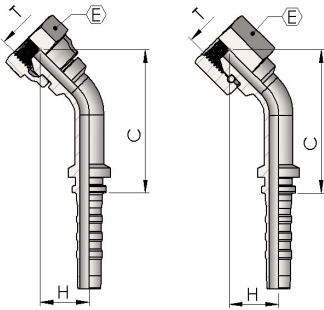
(DKR)

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.		dash size	Dimension			
	in	mm		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

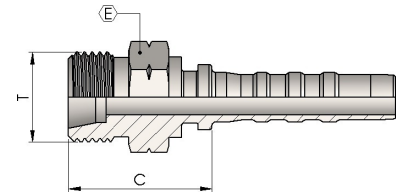
(DKR-45°)

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

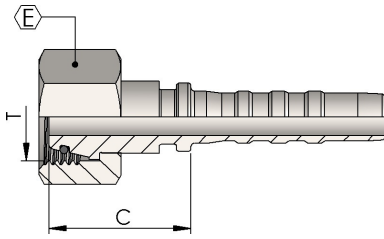
Metric Male 24° Seat Light

(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

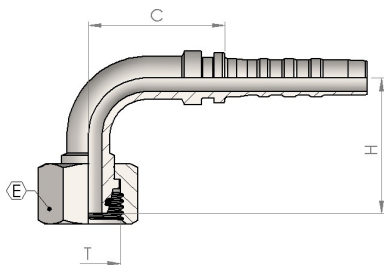


Metric Female 24° Seat Light

(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

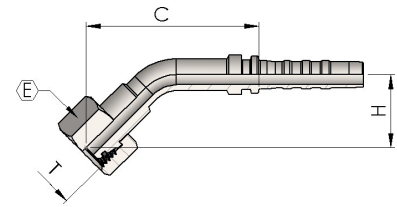
(DKOL-90°)

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°)

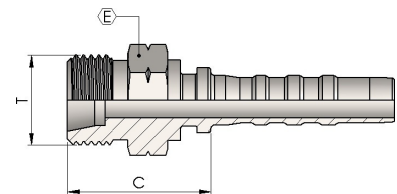


Product number	hose I.D.		Dimension					
	in	mm	dash size	T	erm.	E	H	Cut-off C
0285N06-18	3/8	9.5	06	M18-1.5	12	22	19	52
0285N08-22	1/2	12.7	08	M22-1.5	15	27	21	63
0285N10-26	5/8	15.9	10	M26-1.5	18	32	23	68
0285N16-36	1	25.4	16	M36-2	28	41	29	104
0285N20-45	1.1/4	31.8	20	M45-2	35	50	34	72
0285N24-52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

0450N

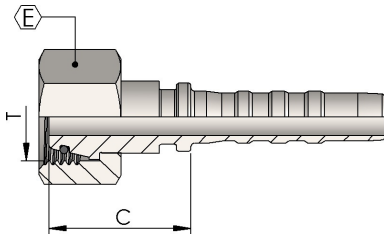
Metric Male 24° Seat Heavy

(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

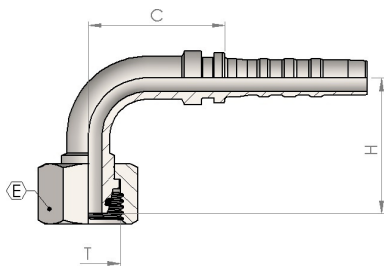


Metric Female 24° Seat Heavy

(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

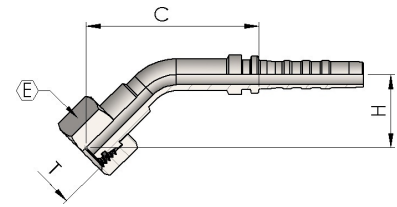
(DKOS-90°)

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

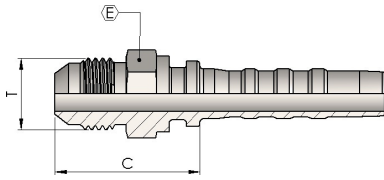
45° Metric Swept Elbow 24° Seat Heavy

(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

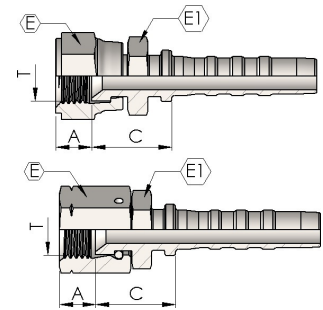
(AGJ)

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

JIC Female 74° Cone- Double Hexagon

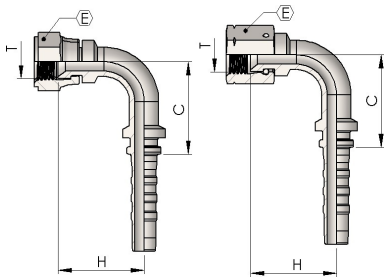
(DKJ)

0900N 0901N



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

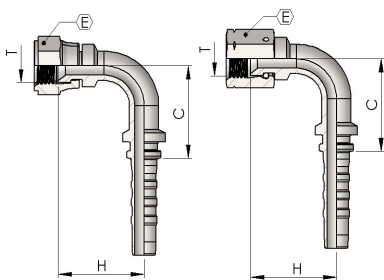
0950N 0951N



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

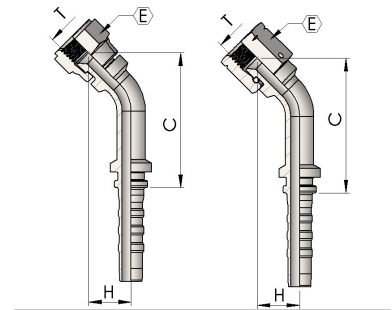
095SN



JIC 90° Swept Elbow 74° cone - ISO SHORT

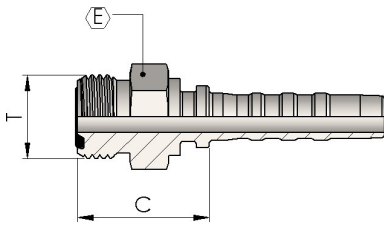
Product number	hose I.D.		Dimension				
	in	mm	dash size	T	E	H	C
095SN06-06	3/8	9.5	06	9/16-18	19	23	31
095SN08-08	1/2	12.7	08	3/4-16	24	29	41
095SN10-10	5/8	15.9	10	7/8-14	27	32	42
095SN12-12*	3/4	19	12	1.1/16-12	32	48	56

*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



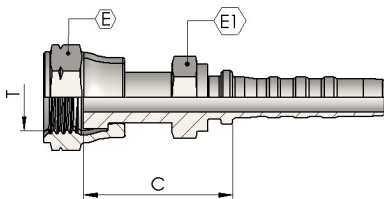
ORFS Male

(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

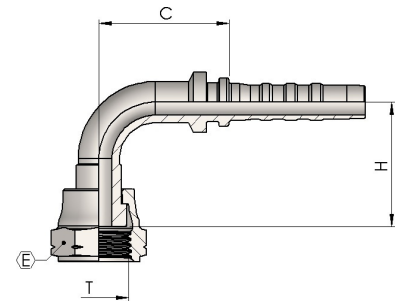
(ORFS)

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°)

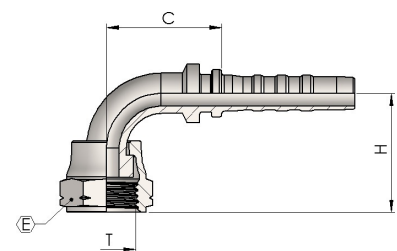


Product number	hose I.D.		Dimension				I.D.
	in	dash size	mm	T	E	H	Cut-off C
S150N06-09	3/8	06	9.5	11/16-16	22	33	33
S150N06-11	3/8	06	9.5	13/16-16	24	32	33
S150N08-11	1/2	08	12.7	13/16-16	24	36	43
S150N10-13	5/8	10	15.9	1-14	30	42	46
S150N12-14	3/4	12	19	1.3/16-12	36	49	57
S150N16-15	1	16	25.4	1.7/16-12	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

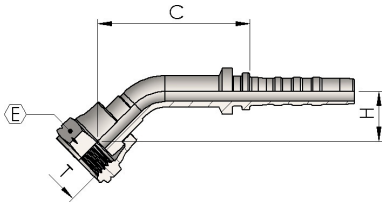
ORFS 90° Swept Elbow - ISO SHORT

(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

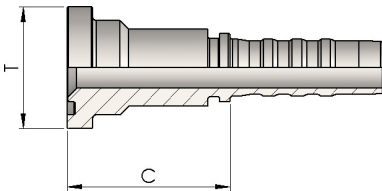


ORFS 45° Swept Elbow

(ORFS-45°)

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

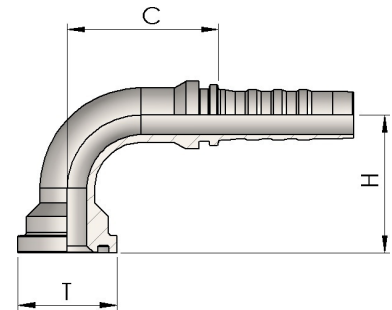
(SFL)

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

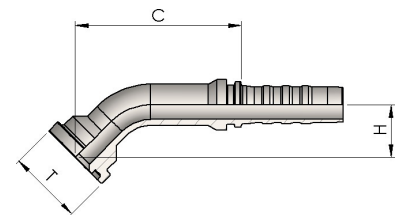


Product number	hose I.D.		Dimension				
	in	dash size	mm	T Flange	mm	drop H	Cut-off C
1050N08-08	1/2	08	12.7	1/2	30.2	39	40
1050N12-12	3/4	12	19	3/4	38.1	53	58
1050N12-16	3/4	12	19	1	44.5	58	58
1050N16-16	1	16	25.4	1	44.5	65	72
1050N16-20	1	16	25.4	1.1/4	50.8	70	72
1050N20-20	1.1/4	20	31.8	1.1/4	50.8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

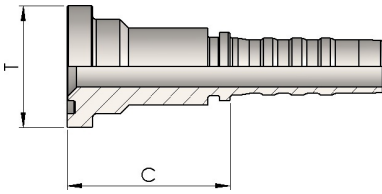
45° SAE Flange 3000 PSI

(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

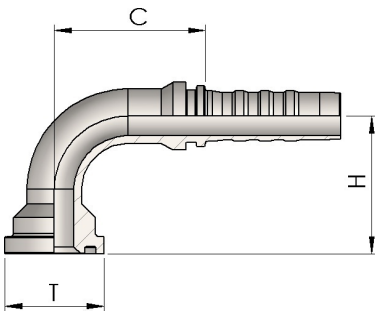


Straight SAE Flange 6000 PSI

(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

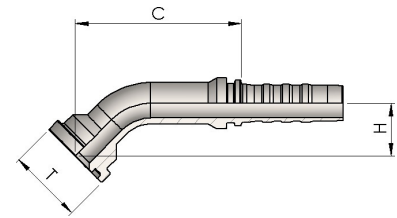
(SFS 90°)

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°)

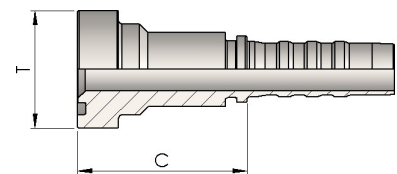


Product number	hose I.D.		Dimension				
	in	mm	dash size	T Flange	mm	drop H	Cut-off C
1200N08-08	1/2	12.7	08	1/2	31.8	22	62
1200N12-12	3/4	19	12	3/4	41.3	28	74
1200N12-16	3/4	19	12	1	47.6	32	90
1200N16-16	1	25.4	16	1	47.6	34	86
1200N16-20	1	25.4	16	1.1/4	54	39	90
1200N20-16	1.1/4	31.8	20	1	47.6	51	100
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

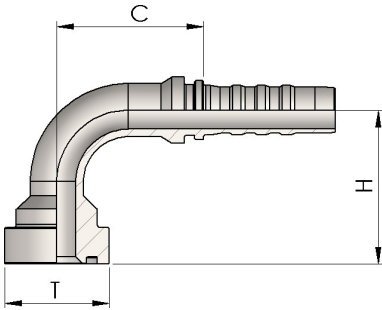
Straight 'CAT' Flange

(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

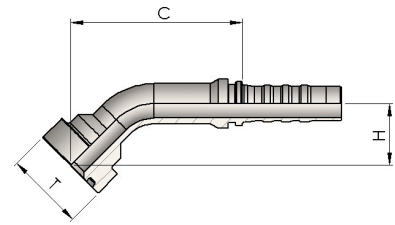
(SFC 90°)

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

0042



Swaged Ferrule (skive)

116

0013



Swaged Ferrule (skive)

117

00J4



Swaged Ferrule (skive)

117

00J6



Swaged Ferrule (skive)

117



0370H



NPTF Male 60° cone

118



0350H



BSP Male Parallel 60° cone

118

0050H



BSP Female 60° cone Thrust Wire

119

0150H



BSP 90° Swept Elbow 60° cone Thrust Wire

119

0250H



BSP 45° Swept Elbow 60° Cone - Thrust Wire

120



0850H



JIC Male 74° cone

120



0900H



JIC Female 74° - Thrust Wire Nut

121

1000H



JIC 45° Swept Elbow 74° Cone - Thrust Wire

121



0450H



Metric Male 24° Seat Heavy

122

0084H



Metric Female 24° Seat Heavy

122



0184H



90° Metric Swept Elbow 24° Seat Heavy

123

0284H



45° Metric Swept Elbow 24° Seat Heavy

123



S350H



ORFS Male

124

S05TH



ORFS Female Back Hexagon

124

S150H



ORFS 90° Swept Elbow Hexagon

125

S250H



ORFS 45° Swept Elbow

125



1250H



Straight SAE Flange 3000 PSI

126

1050H



90° SAE Flange 3000 PSI

126

1150H



45° SAE Flange 3000 PSI

127

1300H



Straight SAE Flange
6000 PSI

128

1100H



90° SAE Flange 6000 PSI

129

1200H



45° SAE Flange 6000 PSI

130



130SH



Straight 'CAT' Flange

130

110SH



90° 'CAT' Flange

131

120SH



45° 'CAT' Flange

131



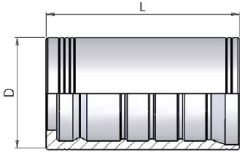
D050H



Hose Junction

132

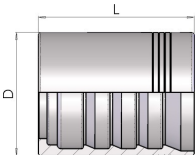
004N



Swaged Ferrule (skive)

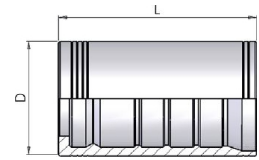
Product number	hose I.D.		Dimension		skive	valid for
	in	mm	D	L	Length	-
004N-12	3/4	19	38	60	52/15	R13-4SH-R15 -(4SP)
004N-16	1	25.4	46	75	64/17	4SH-R13-R15-(4SP)
004N-20	1.1/4	31.8	55	88	74/22	4SH
004N-24	1.1/2	38.1	62	94	81/22,5	4SH
004N-32	2	50.8	78	99	85/30	4SH

0042

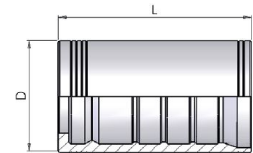


Swaged Ferrule (skive)

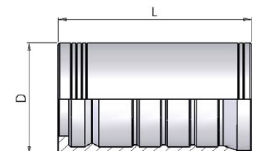
Product number	hose I.D.		Dimension		skive	valid for
	in	D	mm	L	Length	-
0042-20	1.1/4	60	31.8	88	74/22	IS42 - HyTraktion
0042-24	1.1/2	70	38.1	94	82/22	IS42 - HyTraktion

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

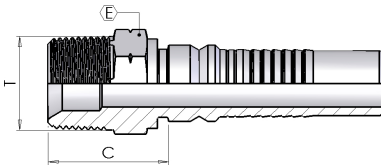
00J4**Swaged Ferrule (skive)**

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

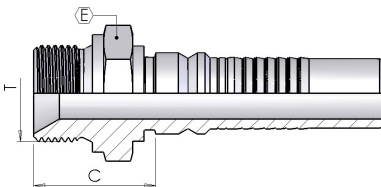


NPTF Male 60° cone

(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

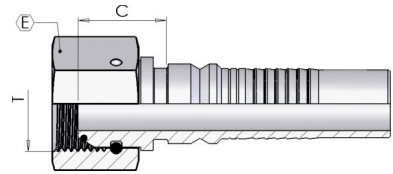
(AGR)

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)

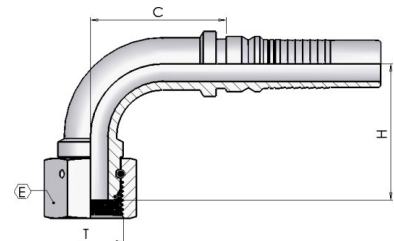


Product number	hose I.D.		Dimension			
	in	mm	dash size	Thread T	hex E	Cut-off C
0050H12-12	3/4	19	12	3/4-14	32	23
0050H12-16	3/4	19	12	1-11	41	25
0050H16-16	1	25.4	16	1-11	41	26
0050H20-20	1.1/4	31.8	20	1.1/4-11	50	29
0050H20-24	1.1/4	31.8	20	1.1/2-11	55	31
0050H24-24	1.1/2	38.1	24	1.1/2-11	55	31
0050H32-32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

0150H

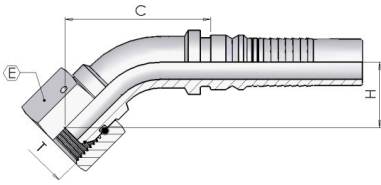
BSP 90° Swept Elbow 60° cone Thrust Wire

(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

0250H

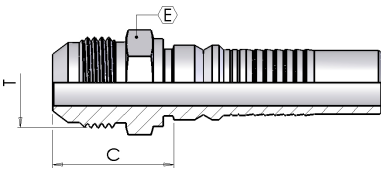


BSP 45° Swept Elbow 60° Cone - Thrust Wire

(DKR 45°)

Product number	hose I.D.		Dimension				
	in	dash size	mm	Thread T	hex E	drop H	Cut-off C
0250H12-12	3/4	12	19	3/4-14	32	31	85
0250H16-16	1	16	25.4	1-11	41	38	112
0250H20-20	1.1/4	20	31.8	1.1/4-11	50	41	98
0250H24-24	1.1/2	24	38.1	1.1/2-11	55	54	166
0250H32-32	2	32	50.8	2-11	70	71	143

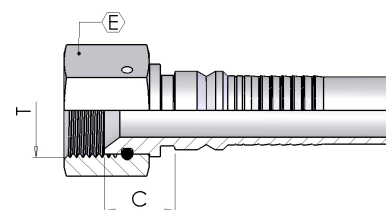
0850H



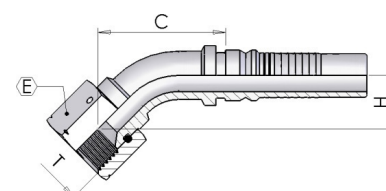
JIC Male 74° cone

(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

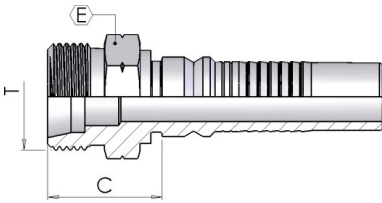
0900H**JIC Female 74° - Thrust Wire Nut****(DKJ)**

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

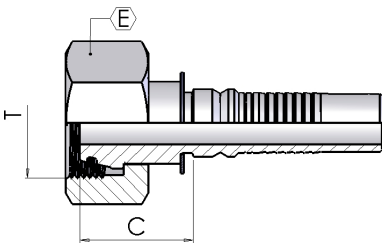


Metric Male 24° Seat Heavy

(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

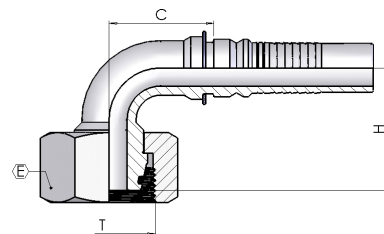
0084H



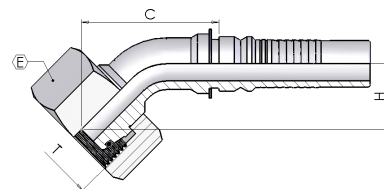
Metric Female 24° Seat Heavy

(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

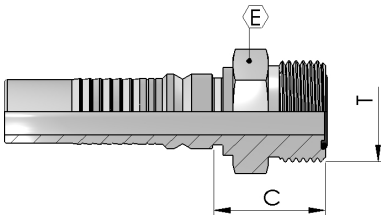
0184H**90° Metric Swept Elbow 24° Seat
Heavy****(DKOS 90°)**

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

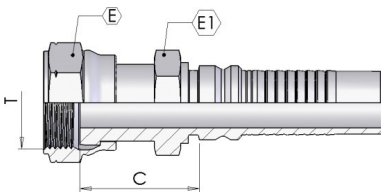


ORFS Male

(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

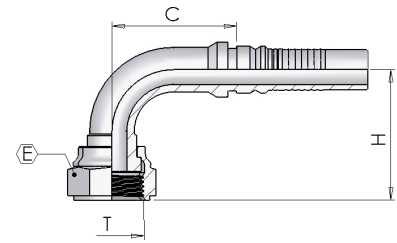
(ORFS)

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°)

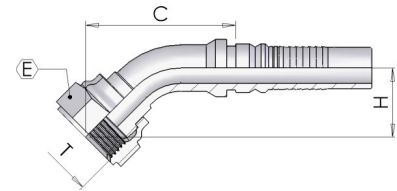


Product number	hose I.D.		Dimension				
	in	mm	dash size	Thread T	hex E	drop H	Cut-off C
S150H12-14	3/4	19	12	1.3/16-12	36	54	50
S150H16-15	1	25.4	16	1.7/16-12	41	66	69
S150H20-21	1.1/4	31.8	20	1.11/16-12	50	80	87

S250H

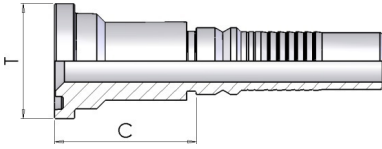
ORFS 45° Swept Elbow

(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

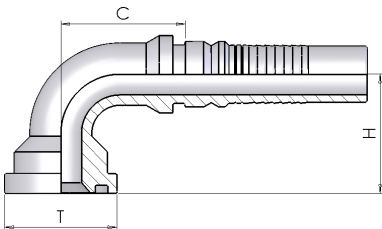


Straight SAE Flange 3000 PSI

(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

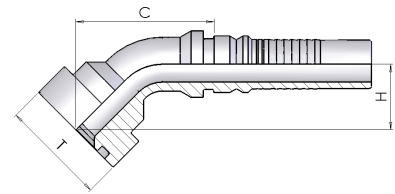
1050H



90° SAE Flange 3000 PSI

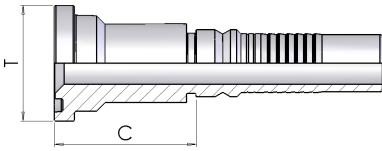
(SFL 90°)

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

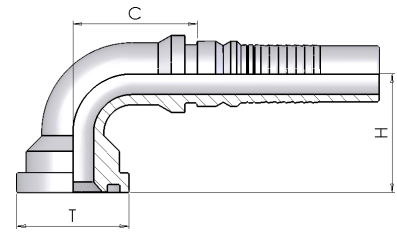
1300H



Straight SAE Flange 6000 PSI

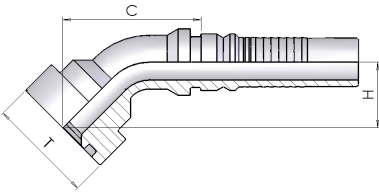
(SFS)

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

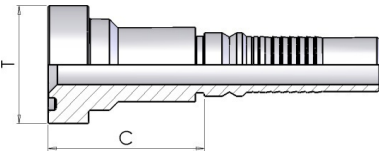


45° SAE Flange 6000 PSI

(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

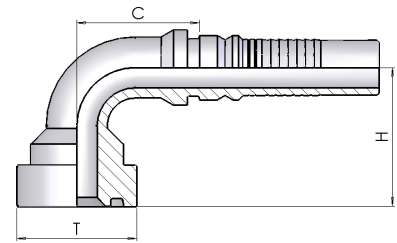
(SFC)

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°)

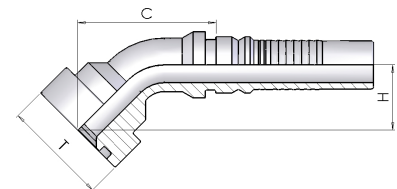


Product number	hose I.D.		Dimension				
	in	mm	dash size	T Flange	mm	drop H	Cut-off C
110SH12-12	3/4	19	12	3/4	41.3	62	51
110SH16-16	1	25.4	16	1	47.6	75	73.2
110SH16-20	1	25.4	16	1.1/4	54	82	74
110SH20-20	1.1/4	31.8	20	1.1/4	54	89	93
110SH24-24	1.1/2	38.1	24	1.1/2	63.5	106	110

120SH

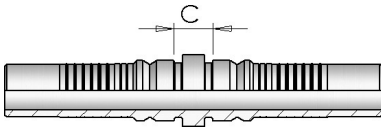
45° 'CAT' Flange

(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)

136

00Y6



Swaged Ferrule (skive)

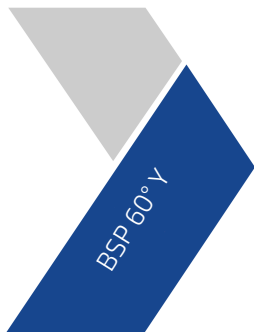
136

0019



Swaged Ferrule (skive)

136



0050Y



BSP Female 60° cone
Thrust Wire

137



0370Y



NPTF Male 60° cone

137



0084Y

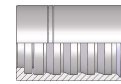


Metric Female 24° Seat
Heavy

138



002M



Swaged Ferrule (skive)

138



0900M



JIC Female 74° - Thrust
Wire Nut

139

0950M



JIC 90° Swept Elbow 74°
Cone - Thrust Wire

139



0050M



BSP Female 60° cone Thrust Wire

139

0150M



BSP 90° Swept Elbow 60° cone Thrust Wire

140



0370M



NPTF Male 60° cone

140



0084M



Metric Female 24° Seat Heavy

140

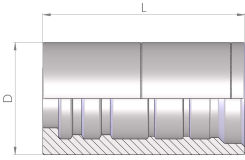
0184M



90° Metric Swept Elbow 24° Seat Heavy

141

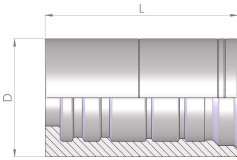
00Y4



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

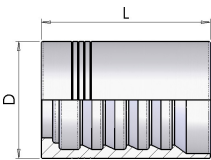
00Y6



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

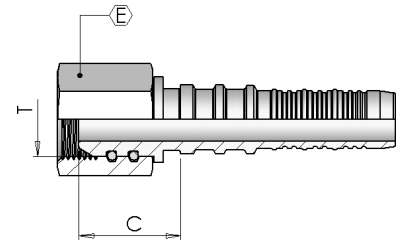


Swaged Ferrule (skive)

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

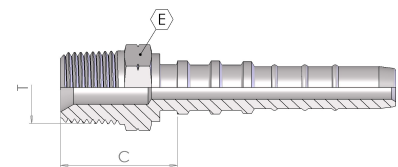


Product number	hose I.D.		Dimension			
	in	mm	dash size	Thread T	hex E	Cut-off C
0050Y08-08	1/2	12.7	08	1/2-14	30	33
0050Y16-16	1	25.4	16	1-11	38	40

0370Y

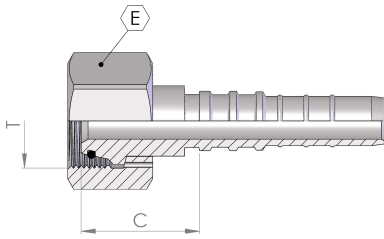
NPTF Male 60° cone

(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

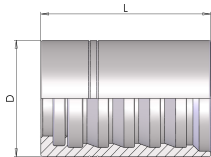


Metric Female 24° Seat Heavy

(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



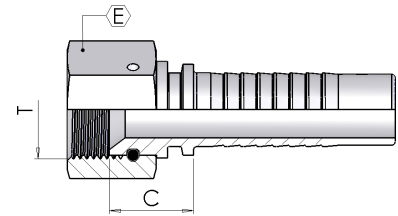
Swaged Ferrule (skive)

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)

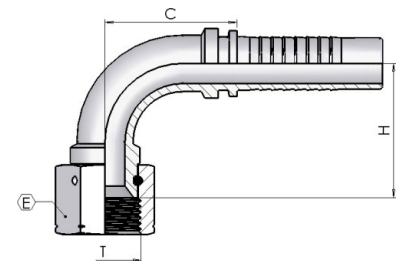


Product number	hose I.D.		Dimension			
	in	mm	dash size	Thread T	hex E	Cut-off C
0900M04-04	1/4	6.4	04	7/16-20	17	16
0900M06-06	3/8	9.5	06	9/16-18	19	18
0900M06-08	3/8	9.5	06	3/4-16	24	20

0950M

JIC 90° Swept Elbow 74° Cone - Thrust Wire

(DKJ 90°)

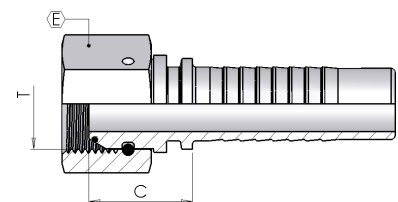


Product number	hose I.D.		Dimension				
	in	mm	dash size	Thread T	hex E	drop H	Cut-off C
0950M04-04	1/4	6.4	04	7/16-20	17	26	26
0950M06-06	3/8	9.5	06	9/16-18	19	33	35
0950M06-08	3/8	9.5	06	3/4-16	24	34	35

0050M

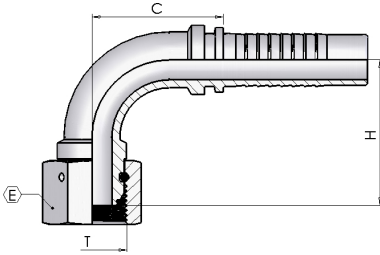
BSP Female 60° cone Thrust Wire

(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

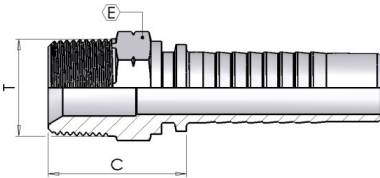


BSP 90° Swept Elbow 60° cone Thrust Wire

(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

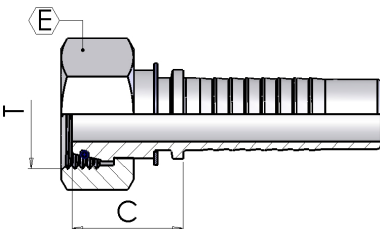


NPTF Male 60° cone

(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

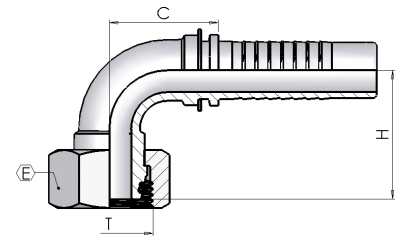
0084M



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

144

P150



BSP 90° Swept elbow 60° cone - UniLock

144

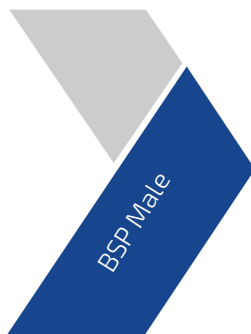


BA



Steel ferrule

145



0345B



BSP Male - Flat Seat

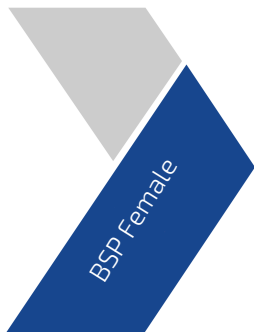
146

0350B



BSP Male Parallel 60° cone

147



0051B



BSP Female 60° Cone

148

0151B



BSP 90° Swept Elbow 60° Cone

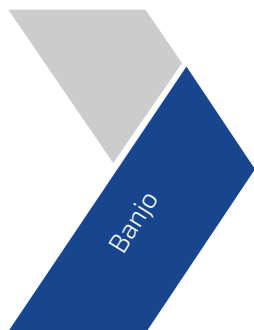
149

0251B



BSP 45° Swept Elbow 60° Cone

150



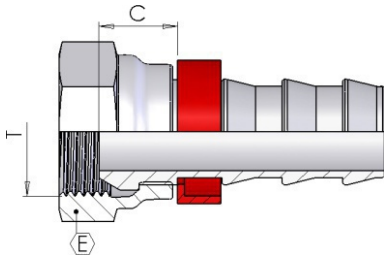
1350B



Metric Banjo

151

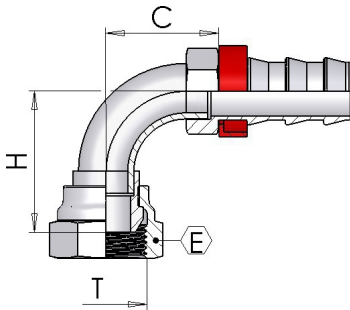
P050



BSP Female 60° cone - UniLock

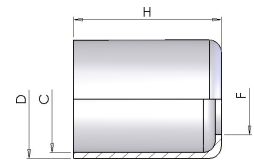
Product number	hose I.D.		Dimension			
	in	mm	dash size	Thread T	hex E	Cut-off C
P050-04-04	1/4	6.4	04	1/4-19	17	10
P050-06-06	3/8	9.5	06	3/8-19	19	10
P050-08-08	1/2	12.7	08	1/2-14	27	13
P050-12-12	3/4	19	12	3/4-14	32	16
P050-16-16	1	25.4	16	1-11	38	15

P150



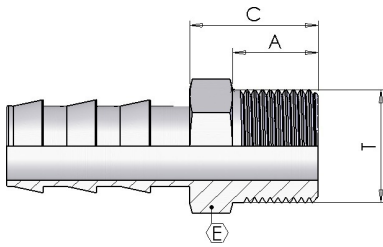
BSP 90° Swept elbow 60° cone - UniLock

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**

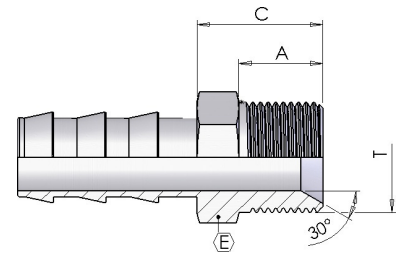
Product number	Dimension			
	D	C	F	H
BA-021-024	24	21	16	31
BA-024-027	27	24	18	31
BA-027-030	30	27	20	34
BA-029-032	32	29	21	35
BA-035-038	38	35	27	36
BA-037-040	40	37	28	38
BA-039-042	42	39	29	40
BA-046-050	50	46	34	46
BA-085-090	90	85	68	63
BA-095-100	100	95	78	68

0345B



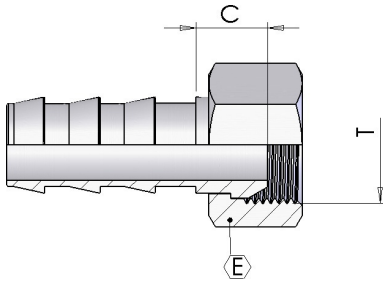
BSP Male - Flat Seat

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

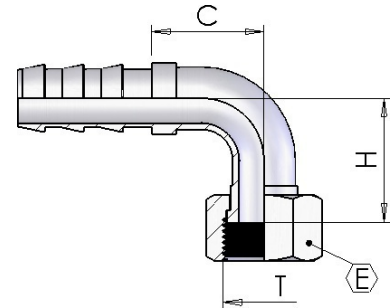


BSP Female 60° Cone

Product number	hose I.D.		Dimensions	Dimension		
	in	mm		DN	Thread T	Cut-off C
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

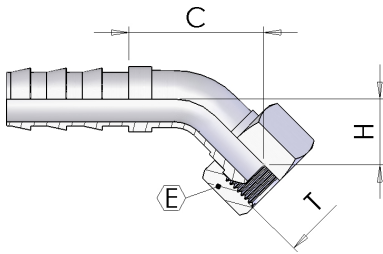
0151B

BSP 90° Swept Elbow 60° Cone



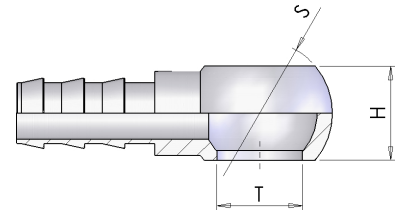
Product number	hose I.D.		Dimensions DN	Dimension			
	in	mm		Thread T	Cut-off C	drop H	hex E
0151B04-04	1/4	6.4	06	1/4	28	25	17
0151B05-04	5/16	7.9	08	1/4	28	25	17
0151B05-06	5/16	7.9	08	3/8	32	32	19
0151B06-06	3/8	9.5	10	3/8	33	33	19
0151B06-08	3/8	9.5	10	1/2	38	35	24
0151B08-06	1/2	12.7	13	3/8	38	35	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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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
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0150	27	1210	71
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0250	28	130S	72
0251	28	110S	73
0258	28	120S	73
2321	29	1250	74
2300	29	1050	74
0041	30	1150	74
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0148	31	0930	76
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